

THE UNIVERSITY OF DALLAS

VOLUME XII

BULLETIN 1970-1971



Ruth N. Turistall

April 1970



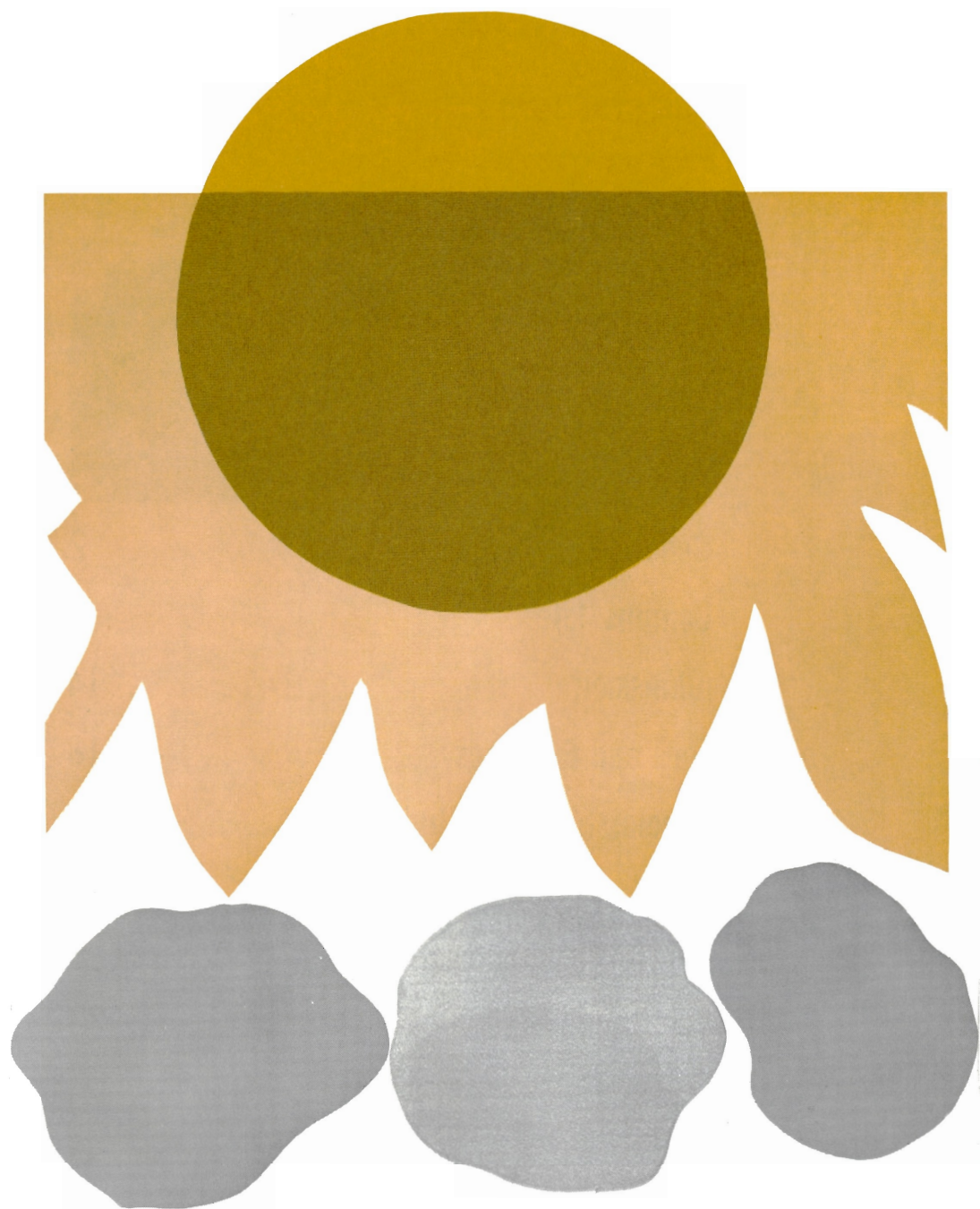
THE UNIVERSITY OF DALLAS

VOLUME XII

BULLETIN 1970-71



General Information	2
Campus Life	8
Admission	14
Fees and Expenses	18
Scholarships and Student Aid	20
The Undergraduate College	11
Degree Requirements	25
The Braniff Graduate School	30
Trustees, Officers of Administration, and Faculty	39
Departments and Courses of Instruction	47
The Academic Calendar	143
Index	148

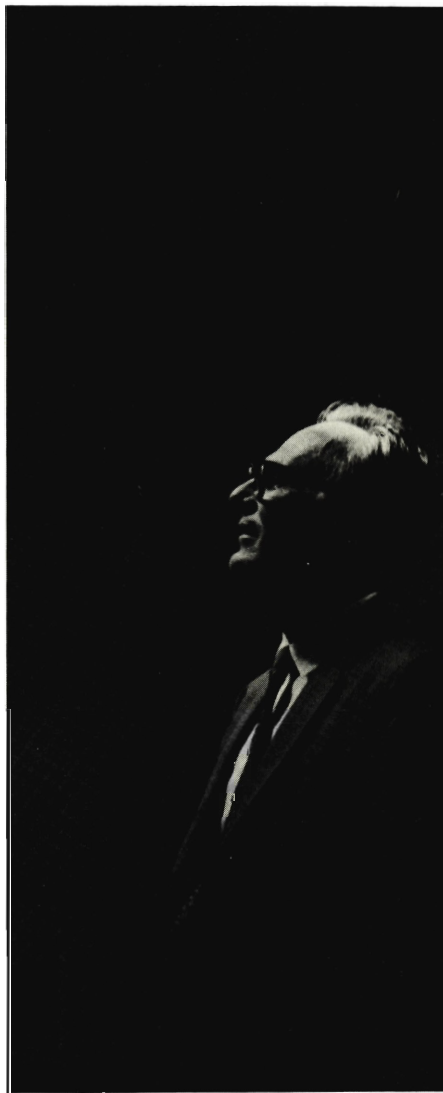


GENERAL INFORMATION

From the President

The University campus has become the center of action in modern society.

It is where people gather, where life goes on. I was struck with this fact the other night as I walked over the University of Dallas campus. Remarkably varied activities were in progress, involving not only students but many people from the town. A symphony group was practicing; a play was in rehearsal for an opening ten days away; art students were thick in the art building, completely oblivious to whether what they were doing was work or play; the computer was in one of its open-shop periods with students queued up to put problems on it; some graduates were puttering around in the physics lab; the Braniff building was ablaze with lights, mostly for graduate classes in business and in politics; two TAGER classes were coming in on closed circuit television from TCU and SMU, and one was going out from our own studios. The library was enjoying a heavy traffic; students were voluntarily congregated in a lecture hall debating with a panel of professors; and the Metropolitan Philosophical Society was holding its monthly meeting of north Texas scientists. The activities of a true university were all there on one night — teaching, research and scholarship, the arts, discussion, social life, the intermixing of town and campus interests. Standing there on the brick mall, one could **feel** the importance of the place — the looks of it, with its handsome tower lighted up; the activities, the **presence** of it.



One could, I suppose, take some satisfaction in having achieved this kind of school. But the job ahead is so tremendous, so demanding, and so pressing that there is really no time for self-congratulation. We must ask

ourselves, in all candor, are we good enough for the job ahead? Do we have the courage and foresight to make the bold innovations required and the steadfastness to hold to the right? In the world today these questions are not mere rhetoric. The crisis of our society lies precisely in higher education. Student revolts and campus takeovers are not signs we can ignore or look on with private satisfaction that they are not occurring in our part of the country. These are happenings that warn us of some instability within our system — not an economic instability, but a value instability, an instability of purpose. The very success of our system has brought us onto a plateau of possibilities where necessity is no guide, where the straight and narrow path does not exist or cannot be recognized. And yet some kind of order must prevail. It could be a takeover by this very small but vocal element whose outcropping we now see on campuses, quite similar to the manifestations at the university in Russia a hundred and more years ago; it could be a reaction to this element in a kind of Nazism. It could be a great style change with a new prudence to counter the breakdown of morals, with a suppression of art, an anti-intellectualism, a denial of the very successes we have achieved. These are all possibilities and we would be foolish not to recognize them.

Whatever comes about, that future is being built on the campuses right now. Education is the future. Higher education in this country is superb, the best in the world, the best in history. The colleges are doing a magnificent job of exploiting the possibilities of learning. But in the absence of old constraints, on the high plateau of possibilities, for order to prevail, for meaning to exist there must be leaders. There must be institutions that are manifestations of purpose, that declare that such a

thing as goodness exists and that the resources of life are to be channelled toward it. A powerful appeal, for young people, exists in goodness, perhaps an even stronger one in a sense of purpose. An institution which can evince these qualities while at the same time excelling in the more secular activities sets a style, a trend, which influences the whole course of education.

That is the role the University of Dallas has carved out for itself, a difficult role but a necessary one, made possible by a conflux of interests here in this particular area. The success of the academic program has been essential; it has many objective measures — high graduate record exam scores, the success of students in business, the winning of Fulbright awards each year, and, of course, the Woodrow Wilson's, wherein a board of professors from across the region interview the top candidates from all the colleges. But the academic achievement of these graduates is little more than incidental to the purposes of the university. The development of leaders is the goal, and toward this end, we must produce graduates not only of ability but of great soul, of magnanimity, of vision, and of goodness. Accordingly, every course we teach, every experience we give the students, is designed to enlarge their person, to develop their self-reliance, their imagination. No Graduate Record Exams exist to measure this accomplishment; no awards are made for magnanimity. But we see the results, and we recognize that going out from our campus are young people who will be leaders, who can see on the high plateau of possibilities the straight and narrow path of rightness and goodness along which society must be led if it is to perdure.

Historical Notes

Under the auspices of the Roman Catholic Diocese of Dallas-Fort Worth, the University of Dallas opened its doors in September, 1956, on a thousand-acre tract of rolling hills located northwest of the city of Dallas. The land had been purchased in the spring of 1955, shortly after the proposal to establish such an institution had been announced and had met with city-wide support. His Excellency, Bishop Thomas K. Gorman, as Chancellor of the new university, announced that it would be a coeducational institution offering work on the undergraduate level, with a graduate school to be added as soon as possible.

Headed by a lay president and a lay academic dean, the faculty of the new diocesan university was composed of laymen, diocesan and Cistercian priests, and Sisters of St. Mary of Namur. The University of Dallas was the first Catholic institution with a Board of Trustees made up of both lay and religious members. Since its founding, many other universities and colleges have followed its example.

The variety of religious involved in the University has continued to grow with the addition of the Motherhouse of the School Sisters of Notre Dame and the Albert the Great Priory of the Dominican Fathers. The Cistercians now have a permanent abbey on the campus and have established a preparatory school adjacent to their abbey. The number of lay faculty has continued to grow, with over half the present faculty being lay professors of many faiths.

In its first year, the University became affiliated with the Catholic Uni-

versity of America. In April, 1957, it was accepted by the Association of Texas Colleges as an Affiliated Institution. Accreditation by the Southern Association of Schools and Colleges came in 1963.

The first class was graduated in May, 1960, and immediately demonstrated the quality of the University of Dallas approach. Significant honors were won by that first group, including the University's first Fulbright and Woodrow Wilson awards for graduate study.

The ensuing years have witnessed a steady growth in student body and physical plant. Enrollment is approximately 1300. Additions to the physical plant now bring to twenty-four the number of buildings on the campus, all air-conditioned.

Through a six-million dollar endowment provided by the Blakley-Braniff Foundation, the Braniff Graduate School began operations in the Fall of 1966. Eight graduate programs are now in existence.

Campus

From the campus of the University, one of the highest points in the area, the skyline of Dallas dominates the view.

The University of Dallas is located in Irving, Texas (pop. 90,000), on the northwest boundary of the City of Dallas. It is fifteen minutes from downtown Dallas and forty minutes from Fort Worth by toll road. Close to Dallas Love Field, the University will also have direct connections with the new regional airport now under construction.

The City of Dallas has established a new nature preserve along the Elm Fork of the Trinity River, which forms part of the eastern boundary of the campus.

The major portion of the campus is situated around the Braniff Mall, a

planted and lighted gathering place for the University community. Symbol and landmark for the University is the one hundred eighty-eight foot Braniff Tower which serves as a memorial to Mr. and Mrs. Tom Braniff.

The campus has eight student residences, a student center with post office and bookstore, gymnasium, swimming pool, and athletic fields. Texas Stadium, home of the Dallas Cowboys, is under construction four blocks from the University.

Carpenter Hall houses classrooms, science and language laboratories, and administrative and faculty offices.

Lynch Hall is a multi-purpose, amphitheater-style lecture hall and is the home of the University Theater.

The Haggerty Art Center, a gift of Mr. and Mrs. Pat Haggerty, is equipped with studios for instructional purposes and provides office space for the faculty of the Art Department. The design of the building allows ample gallery space for exhibits.

The **Science Lecture Center** contains instructional areas appropriate for lectures and scientific demonstrations. Its large central foyer is used for exhibits, social events and certain academic functions.

The William A. Blakley Library, dedicated to a principal benefactor of the University, houses the University's reference and reserve and circulating libraries.

The Braniff Graduate Building, a gift from the Blakley-Braniff Foundation in memory of the founder of Braniff International Airways, contains classrooms, seminar rooms, offices for the graduate faculty and

administration, and provides temporary space for the collections of the graduate library. Portions of the Braniff Graduate Building and the Science Lecture Center are devoted to the operation of TAGER facilities on the University of Dallas campus. Through this television system graduate courses are offered to students at other participating institutions and received from Texas Christian University, Southern Methodist University and the Southwest Center for Advanced Studies.

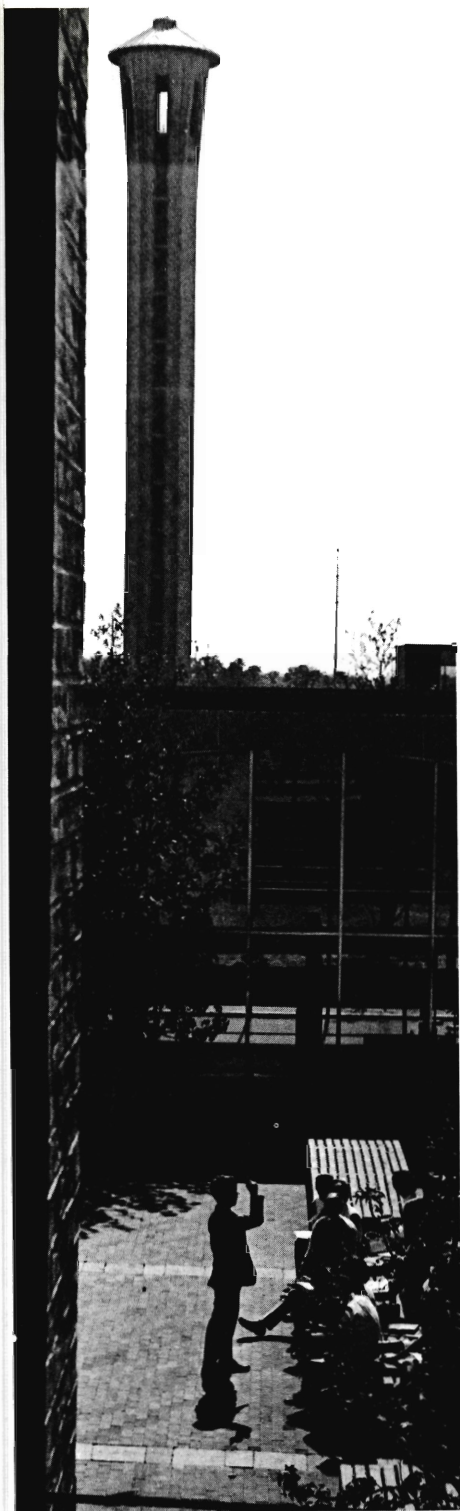
St. Thomas Aquinas Chapel serves the religious needs of the Catholic faculty and students.

The Student Union Building provides auxiliary services for the student body, including a cafeteria, bookstore, clinic, post office, and offices for student government and publications. Here are located the offices of the Chaplain, the Dean of Men, and Dean of Women.

The Gymnasium, equipped with appropriate facilities for indoor recreation, seats fifteen hundred. Other athletic facilities include outdoor handball courts and a swimming pool.

The Braniff Memorial Tower, at the south end of the campus mall opposite the Braniff Graduate Building, rises one-hundred-eighty-eight feet above the campus. The Tower is a memorial to Tom and Bess Braniff. It serves as a landmark and as a symbol of the University.

Anselm Hall, Augustine Hall, Gregory Hall and Jerome Hall are the four men's residence halls. They house three hundred students. Each building has a lounge, a television area, a kitchen, and a laundry room.



Marian Hall, Theresa Hall, Madonna Hall and Catherine Hall provide accommodations for three-hundred women residents. Each hall has a lounge, television and stereo rooms, kitchen facilities, and laundry rooms.

The St. Mary House of Study and Novitiate is the campus residence of the Sisters of St. Mary of Namur, whose postulants, novices and junior sisters are students of the University. The House of Study also serves as a residence for members of the order who are professors and administrators at the University.

The Cistercian Abbey of Our Lady of Dallas provides accommodations for forty monks of the Cistercian Order who came to the United States from Hungary to pursue their apostolic-academic vocation free from Communist oppression. The Cistercians operate a preparatory school, and several members of the Order are professors at the University.

The Priory of St. Albert the Great is the residence of the Dominican Fathers who hold faculty positions at the University.

Notre Dame of Dallas, consisting of a house of studies, an educational building, and a novitiate, is the largest of the religious houses on campus. It is the motherhouse for the South Central Province of the School Sisters of Notre Dame. Its four buildings provide living accommodations for postulants, novices, junior sisters, and members of the Order who are professors at the University.

Holy Trinity Seminary, the home of students preparing for the diocesan priesthood, provides accommodations for seminary students who attend classes at the University.

Campus Life

The student at the University of Dallas finds that the close community relationships of the campus, the intense creative and intellectual experiences of the classroom, and the general commitment of purpose provided by a religious atmosphere come together to give him a sense of freedom and integration.

A special characteristic of the University of Dallas is the close relationship between students and faculty. A faculty-student ratio of 1 to 13 permits the personal attention of fine professors who consider teaching a major concern. More than sixty percent of the faculty hold the doctorate.

Academic and social life are closely linked at the University. The stimulation of the classroom often motivates extra-curricular activities such as lectures, fine film series, and art exhibits. Major projects, such as the 1968 Southern Literary Festival which brought to the campus some of the major poets and critics of the United States, are a cooperative effort of the entire University community.

Extra-curricular life is in large part under the direction of the students themselves through the Student Government Association and the various departmental and special clubs. The Student Council, the executive board of the Student Government, sponsors the major social activities of the year, including formal dinner dances, the Chrysanthemum Ball, and the Spring Formal. Departmental clubs, University Theater, the newspaper and yearbook, shows, films, Foreign Language Societies, Physics seminars, and so forth round out the extra-curricular life of the student.

While no one is obligated to attend any religious service, Mass is offered at convenient hours each morning and evening in St. Thomas Aquinas Chapel. Other religious events, such

as the annual Advent in Art Masses, are scheduled according to the liturgical and academic season by the Religious Life Committee, which is composed of faculty and students.

Athletics

While the University offers no formal physical education courses, intramural athletics in seasonal sports form an important part of the UD experience. The new gym, swimming pool and football field have greatly expanded the University's facilities and offerings. Inter-collegiate experience is offered by the Crusaders, the University baseball team.

Housing

Eight air-conditioned dormitories house approximately 60% of the undergraduate student body. All students not residing at home or with close relatives must live on campus and eat at the University cafeteria.

Counseling

Spiritual directors are available at all times to discuss with students problems of a religious or personal nature. Also, counseling is provided through faculty advisors who are concerned with scholastic, vocational, and social interests of the students.

During Freshman Orientation period, various tests are administered to all beginning freshmen. Personal interviews assist the student in choosing suitable courses of study.

Discipline

Student discipline is under the supervision of the Dean of Students, Dean of Men, and Dean of Women. The Administration reserves the right to request a student to withdraw for failure to meet standards of scholarship, character, or health, or for refusal to conform to the letter and spirit of University regulations. The Disciplinary Board of the University is made up of faculty members and a representative from the Student Government.

Student Health Services

The health of the resident students is under the care of the University Medical Director who is on call on a twenty-four-hour-a-day basis. A registered nurse has regular daily hours on the campus. Her services are available to all students. The University has an arrangement with a local hospital for emergencies.

Hospitalization Insurance

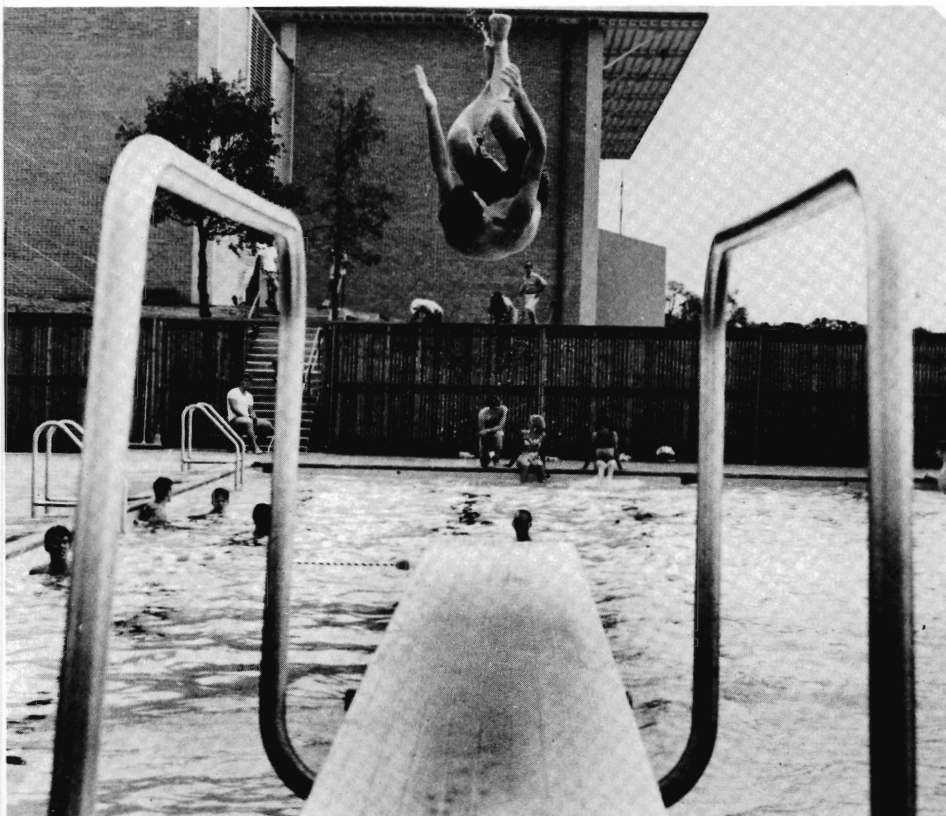
Coverage is normally carried by the student or his parents. In those cases where additional insurance is desired, the University has made arrangements with a local agent for voluntary group coverage at a nominal cost. The University strongly recommends that students not otherwise covered obtain coverage under this plan.

Job Placement

The Office of the Dean of Students handles information on positions available for student employment both during the regular year and in the summer. It also arranges appointments for students with visiting corporations and the armed services. The Education Department arranges job interviews and maintains current employment information for student teachers.

Cars

With the approval of their parents, students may keep cars on campus if they are properly licensed and insured and in operating condition. All cars must be registered at the beginning of each semester. Parking regulations are rigidly enforced.





THE UNDERGRADUATE COLLEGE

The Curriculum

Quite unabashedly, the curriculum at the University of Dallas is based on the supposition that truth and virtue exist and are the proper objects of search in an education.

The curriculum further supposes that this search is best pursued through an acquisition of philosophical and theological principles on the part of a student and has for its analogical field a vast body of great literature — perhaps more extensive than is likely to be encountered elsewhere — supplemented by a survey of the sweep of history and an introduction to the political and economic principles of society. An understanding of these subjects, along with an introduction to the quantitative and scientific world view and a mastery of a language, is expected to form a comprehensive and coherent experience which, in effect, shapes the intellectual formation of a student in a manner which develops his own independence of thought in its most effective mode. Every student gains this same experience through the core curriculum and is bolstered by its being shared by the entire community of his fellow students. He then goes on to pursue his chosen major discipline, reaching — according to this theory of education — a level of maturity and competency in the discipline that he could not have attained in the absence of a broad and general foundation.

Major Programs

The University offers major programs leading to the Bachelor of Arts in Art, Art Education, Behavioral Sciences, Biology, Economics, Chemistry, Drama, Education, English, Foreign Languages, History, Humanities, Mathematics, Philosophy, Politics, Physics, and Theology.

During the second semester of his sophomore year, each student must apply to the Chairman of a department for acceptance into the major program of that department.

In the Braniff Graduate School the University offers degrees in Art, Business Management, Education, English, Engineering-Science, Politics and Literature, Physics, Quality Systems and Theology.

Professional and Pre-Professional Training

Those students who are to become lawyers, doctors, dentists, priests, or teachers, or who are to go on to graduate study in any field, should be among the University's most capable graduates, fulfilling to a high degree its stated aims. Consequently, the pre-professional curricula at the University are broad, thorough, and liberal, designed to qualify the student for entrance into graduate or professional schools as well as to give him the finest possible basis for his professional study and career. Early

in his sophomore year the student should discuss with his advisors the entrance requirements of the particular graduate or professional school he wishes to enter.

Architecture

Although the University of Dallas has no school of architecture, it is possible to complete the first two years of an architecture curriculum at the University because of its unusually fine departments of Art, Physics and Mathematics. Those planning later professional studies in architecture are counselled to choose as early as possible, the schools of architecture to which they intend to transfer and to study the catalogue requirements of those schools in consultation with the Chairman of the Art Department.

Architecture is a very broad field. Many universities are now confining this study to the graduate level; an undergraduate major in Art, with work in math and science as indicated by the kind of architecture envisioned, is an excellent preparation.

Behavioral Sciences

The student who is planning a career in clinical psychology, social work, counseling, personnel management, or other field requiring basic preparation in the Behavioral Sciences should earn the Bachelor of Arts degree before beginning professional study. These careers require a broad, thorough, and liberal education in physiology, genetics, psychology, sociology, anthropology and field and laboratory experiences.

Business Management

The program in Business Management offered by the Braniff Graduate School presupposes a sound undergraduate background.

The graduate years concentrate upon modern techniques, including

the use of computers. A thorough program combining an undergraduate major with the Business Management program can be completed within five years from the date of initial enrollment. Upon completion the student will have earned both the B.A. and the M.B.A. degrees.

Law

The student who plans to enter law school should earn, before beginning his legal studies, the Bachelor of Arts degree, preferably majoring in Economics, English, History, Philosophy or Politics.

Medicine and Dentistry

The University recommends that the student who plans a career in medicine or dentistry earn the Bachelor of Arts degree before beginning professional study. The student may elect an undergraduate major in any department, taking as electives the courses needed to satisfy entrance requirements of particular schools. During the Freshman Orientation period, the student should confer with the pre-medical advisor concerning his course of studies at the University of Dallas.

Medicine

According to the admission requirements listed in the Journal of the American Medical Colleges, medical schools prefer students who have had:

- (1) A broad general education;
- (2) At least three years of college;
- (3) A major in any field according to student interest;
- (4) Basic science requirements, although not science that duplicates medical course work.

About sixty percent of the medical schools require a bachelor's degree or at the very least that the student

be an exceptional student. The admission committees of medical schools strongly favor individuals with a liberal arts background preferably with a Bachelor of Arts degree. Generally speaking, the preferred pre-medical curriculum includes:

English	12 credits
Biology or Zoology	12 credits
Physics	8 credits
Inorganic Chemistry	8 credits
Organic Chemistry	6 credits
Quantitative Chemistry	4 credits
Mathematics	6 credits

Dentistry

Pre-professional training in dentistry should take at least three years. Generally speaking, the pre-dentistry curriculum should include:

English	6 credits
Inorganic Chemistry	8 credits
Organic Chemistry	6 credits
Biology or Zoology	12 credits
Physics	8 credits

Teacher Education

The teacher education program is an important function of the University. It is based upon a general knowledge of major areas of learning. A counseling service is provided to assist students in planning individual programs leading to either the elementary or secondary state certificate.

Medical Technology

The University encourages students interested in medical technology to complete a B.A. in biology or chemistry before entering a school of technology. (The minimum requirement for entrance is about three years of college work — biology, chemistry, math, and 36 credits in non-science study.) The advantages of the degree background are numerous. In order to cope with new developments in the profession, including

increasingly complex equipment, the deeper background in math and physics included in the Biology or Chemistry major at UD becomes essential. A degree also provides the option of entering graduate schools of biology or chemistry or going on to medical school should there be a change of interest.



Admissions

I. The Freshman Class

Applicants seeking admission to the freshman class must submit a high school transcript reflecting sixteen units of work in college preparatory studies distributed according to the usual norms of state or regional accrediting agencies.

Although flexible in its requirements, the University of Dallas favors high school graduates who have included in their elective courses additional units in such college preparatory subjects as foreign languages, mathematics, and science. Applicants who intend to major in mathematics or a science should have four years of high school mathematics.

The applicant should normally be in the upper half of his graduating class and present scores of the College Entrance Examination Board or the American College Testing Examination as soon as possible after completion of the junior year.

Applicants for the freshman class may be accepted for admission either at the end of the junior year of high school or during the senior year.

A. Early Admissions Plan

Applicants for early admission must submit the following credentials to the Admissions Office within four months after the completion of the junior year:

1. A high school transcript showing at least six semesters' work and rank in the first quartile of the junior class.
2. Two favorable letters of recommendation, at least one of these to be provided by the high school principal or counselor.
3. Junior year scores (April or May) of either the Scholastic

Aptitude Test of the College Entrance Examination Board or of the American College Testing Program, ranking the applicant in the upper-third of college-bound students.

4. A completed University of Dallas medical card executed and forwarded by the applicant's physician.
5. A completed University of Dallas "Application for Admission" form.
6. An application fee of \$10.00.

Applicants who are accepted will be notified by mail, beginning in June. Acceptance of a student under the Early Admission Plan assures the applicant of a place in the freshman class and dormitory accommodations provided his academic performance in his senior year is as good as his previous six semesters' work.

B. Regular Admissions Policy

Students who do not apply under the Early Admission Plan may make application after their seventh semester of high school. The Admissions Committee at the University will process applications under its regular policy beginning February 15th and continuously thereafter until the second week in August. Applicants will be notified of their acceptance or rejection promptly upon receipt by the University of all necessary credentials. These are:

1. A high school transcript showing at least seven semesters' work and rank in the senior class.
2. Two favorable letters of recommendation, at least one of these to be provided by the high school principal, counselor, or faculty member.
3. Scores of either the Scholastic Aptitude Test of the College En-

trance Examination Board or the American College Testing Program.

4. A completed University of Dallas medical card executed and forwarded by the applicant's physician.
5. A completed University of Dallas "Application for Admission" form.
6. An application fee of \$10.00.

In submitting SAT or ACT scores, applicants are generally expected to be above the national median for college-bound students. However, it is sometimes the case that scores on national examinations prove an inexact index of a student's abilities. Occasionally such scores, whether high or low, fail to predict accurately the student's success or failure in college. Hence, the University seriously considers other factors which it believes to be of great consequence in evaluating the qualifications of an applicant.

A personal interview with an admissions counselor or other representative of the University, though not absolutely required, can be helpful. Similarly, a visit to the campus by a prospective student is most desirable.

Applicants who wish to visit classes at the University, and when vacancies exist to remain overnight as dormitory guests of the University, should contact the Admissions Office two or three weeks in advance of the planned visit.

II. Transfer Students

A student seeking admission to the University of Dallas from another college or university is expected to have a "C" average and must submit the following:

1. Official transcripts of his entire college record and a statement

of honorable dismissal. These transcripts must be sent directly from the Registrar of the college or colleges the student previously attended.

2. A high school transcript.
3. ACT or SAT scores.
4. Two letters of recommendation.
5. A completed University of Dallas medical card sent by the applicant's physician.
6. A completed University of Dallas "Application for Admission" form.
7. A \$10.00 application fee.

A student suspended from any other college or university may not enter the University of Dallas during the term of his suspension.

A student who does not have a C average must present all of his credentials thirty days in advance of the next registration period.

Final evaluation of transcripts will not be made until after the transfer student has earned at least 12 credits at the University of Dallas with an average grade of C or better. Grades earned at other institutions will not be averaged with grades earned at the University of Dallas except where the student is being considered for graduation with honors.

Transferred credit must be applicable to a current curriculum at the University of Dallas.

Credits transferred from a junior college shall not exceed the number of credits a student would earn during his first two years at the University of Dallas.

Credits earned in correspondence and extension courses are not acceptable in transfer except on approval of the Academic Dean.

A student wishing to transfer from an unaccredited college must meet the admission requirements specified

for high school students as well as for transfer students.

To receive credit for work completed in a non-accredited college or university, a student must first complete 30 semester credits with a C average at the University of Dallas. The student may receive credit in courses applicable to a degree program at the University of Dallas by successful (C or better) work in more advanced courses of the same nature.

III. Special Students

An applicant, over 21, who does not intend to be a candidate for a degree at the University of Dallas must submit a high school transcript and college transcripts, where appropriate, a completed University of Dallas Application for Admission form, and a \$10.00 application fee.

A student admitted as a special student who later decides to become a candidate for a degree must provide the Admissions Office with an official transcript of all high school and college work previously attempted and scores of the scholastic aptitude test of either the College Entrance Examination Board or the American College Testing Program.

A degree candidate from another institution who wishes to take one or two courses at the University of Dallas must present a letter of permission from the institution where he is a candidate stating that he is in good standing and that his courses at the University of Dallas have been approved for transfer.

IV. Foreign Students

Foreign applicants (other than those from English-speaking lands) must submit scores on the "Test of English as a Foreign Language" administered by the Educational Testing Service, Princeton, New Jersey,

08450, U.S.A. The applicant must assume the responsibility for taking this examination by writing directly to the office of the Educational Testing Service, requesting that the results of his examination be sent to the Admissions Office at the University of Dallas.

Successful completion of a program in "English as a Foreign Language" taken in residence at an American institution of higher learning may be accepted in lieu of the "Test of English as a Foreign Language."

V. Veterans

The University of Dallas is approved by the Veteran's Administration for the education of veterans under all applicable public laws relating to veterans' training.

VI. Advanced Placement

The University of Dallas grants both placement and credit* in the following areas to students presenting satisfactory scores on advanced placement examinations of the College Entrance Examination Board:

American History and Western Civilization,

with a score of 3 or better the student may omit History 1 and 2 and/or 11 and 12.

Biology,

with a score of 3 or better the student may omit Biology 11 and 12.

Calculus,

with a score of 4 or better on the Calculus Examination, Form BC, the student may omit courses as prescribed by the chairman of the Mathematics Department.

Chemistry,

with a score of 3 or better the student may omit courses as prescribed by the chairman of the Chemistry Department.

English,

With a score of 3 or better the student may omit English 1 and 2.

Foreign Languages,

with a score of 3 or better on any of the AP language examinations, the student may omit Language 11 and 12 but must complete one three-credit course in the same language at the advanced level and must en-

roll in that course during the freshman year.

Physics,

with a score of 4 on the Physics Examination, Form C, the student may omit courses as prescribed by the chairman of the Physics Department.

*Credit not applicable toward the 120 hours required for a degree.



Fees and Expenses

Application Fee	\$ 10.00
Orientation Fee	15.00

Not refundable nor applicable to tuition

Undergraduate Tuition per Semester	595.00
---	--------

Full-time undergraduates (12-18 credit hours). The rate for credit hours in excess of 18 is 50.00 per hour. If two or more children of one family are enrolled as regular full-time students simultaneously, a 10% reduction is granted to each.

Tuition includes the cost of student government, newspaper, yearbook, ordinary services of the University clinic, and the Student Union Building.

Part-time Students and Auditors Per Credit Hour	50.00
--	-------

A part-time student is one who enrolls for less than twelve credit hours. An auditor is one who does not enroll for credit.

Charges for Graduate Courses Offered to Seniors

Seniors, with permission of the department chairman, may enroll in courses in their major field numbered 50-59 at the regular undergraduate rate of \$595.00 per semester for full-time and \$50.00 per credit hour for part-time.

Late Registration Fee	15.00
Student Activity Fee (per semester)	10.00

Course Change Fee	1.00
--------------------------	------

Students who change one or more courses within the allowable time must pay \$1.00 per change.

Delayed Examination Fee	5.00
--------------------------------	------

Students with X grades or I grades at semester's end must pay a fee of \$5.00 before the removal of the X or I grade.

Room and Board per Semester

Single room	565.00
Double room	520.00

These fees include weekly linen service.

Room Deposit	25.00
---------------------	-------

A room deposit is necessary to reserve a room in a dormitory. This deposit, applicable to room charge, is made after notification of acceptance. It is not refundable on withdrawal.

Room Change	15.00
--------------------	-------

If a student changes his room during the semester, except upon request of administrative authorities, there is a charge of \$15.00.

Dormitory Damage Deposit	25.00
---------------------------------	-------

This fee, which must be paid at the beginning of a semester, is refundable upon termination of occupancy unless charges for damages are made.

The student's room deposit fee may be transferred by him, at the beginning of a semester, to serve as dormitory damage deposit.

Laboratory Fees

Science Laboratory Fee, per laboratory course	10.00
Language Laboratory Fee, per laboratory course	10.00
Art Studio Fee, per studio course	10.00
Parking Fee	2.00
Graduation Fee	25.00
Books and Supplies	
Expenses for the semes- ter average	80.00

Refund Policy

The following policy shall govern refunds, whether the withdrawal of the student is voluntary or by virtue of dismissal or other disciplinary procedures:

No refund will be given on voluntary withdrawal unless withdrawal is authorized in writing by the Academic Dean and such authorization presented to the Business Office. Any moneys due the University by the student at time of withdrawal become due and payable immediately.

Refunds on Tuition:

- (1) Full tuition refunds, except for \$50.00 registration costs, will be given in case of withdrawal before the first day of regularly scheduled classes.
- (2) Refunds for withdrawal during fall and spring semesters, whether or not the student has been in attendance, is as follows:

Withdrawal during 1st & 2nd of semester	70%
Withdrawal during 3rd week	50%
Withdrawal during 4th week	30%
Withdrawal during 5th week	10%

No tuition refunds will be given for withdrawal after the 5th week.

Refunds on room, board, and other fees:

The unused portion of board payments are refundable. No refunds are given for lab and other fees, state sales taxes, or room rent regardless of time of withdrawal or length of room occupancy.

Refunds for withdrawals during summer and other short sessions will be determined on the basis of the length of such sessions in relation to the normal semester, in accordance with the above stated policy.

Payment Plans

A. Tuition Plan, Inc.

Arrangements for the payment of tuition and other expenses may be made through a contract with Tuition Plan, Inc. Use of this service enables parents to spread costs of tuition, fees, room and board over the entire academic year and make equal monthly payments. Various plans are offered by Tuition Plan, Inc., ranging from a one semester plan through a four-year plan. A descriptive pamphlet will be sent upon request.

B. Education Funds, Inc.

For parents desiring to pay education expenses in monthly installments, a low cost deferred payment is available through Education Funds, Inc., a nationwide organization specializing in education financing.

All EFI agreements include insurance on life of the parents. There is also total and permanent disability insurance on the parents, plus trust administration in the event of the parent's death or disability, thus insuring the continuation of the student's education.

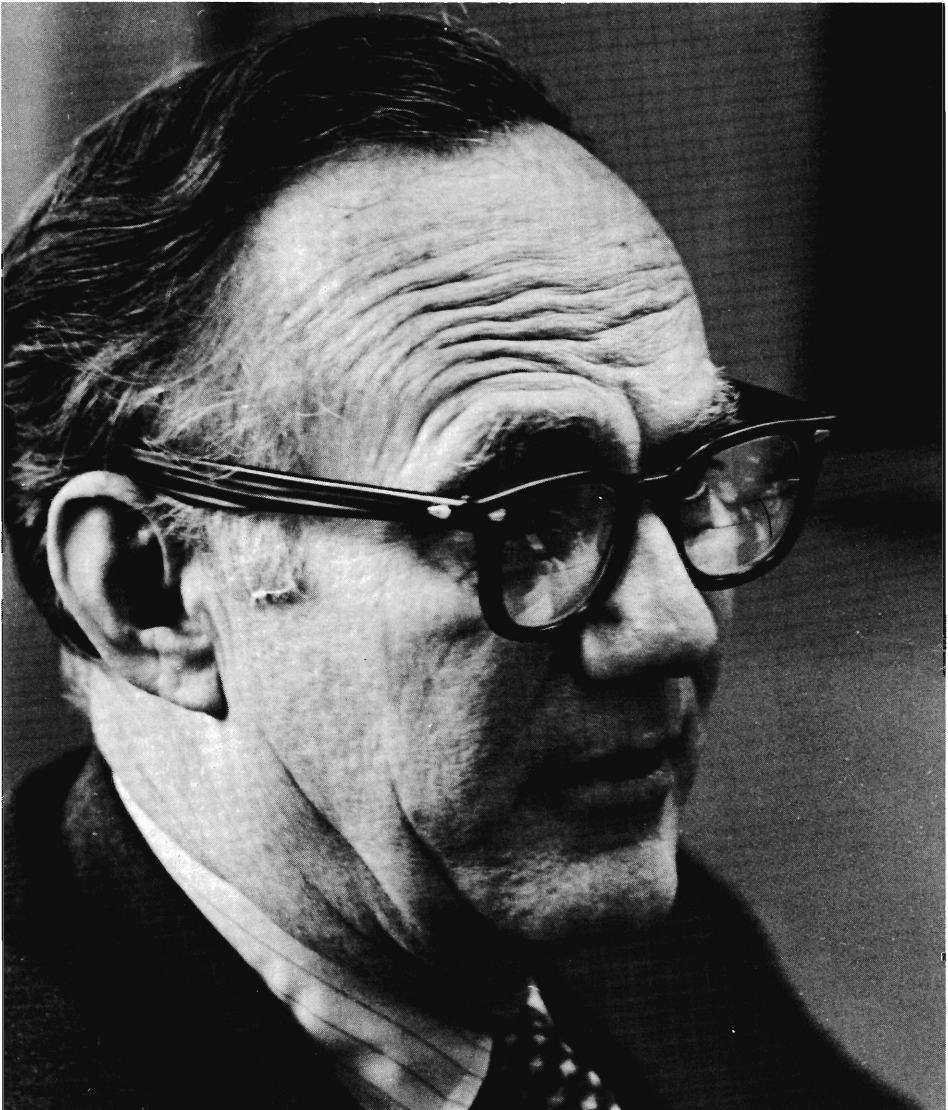
Parents desiring information concerning this deferred payment plan should write directly to Education Funds, Inc., 10 Dorrance Street, Providence, Rhode Island 02901, or contact the Office of the Comptroller, University of Dallas.

Student Aid

All requests for financial aid must be accompanied by a Parents' Confidential Statement processed by the College Scholarship Service or a Family Financial Statement processed by the American College Testing Program. The proper forms may be obtained from high school counselors or principals, the University of Dallas, or directly through the College

Scholarship Service, Box 176, Princeton, New Jersey, 08540, or the Financial Aid Services Department, American College Testing Program, Box 168, Iowa City, Iowa, 52240. In addition the student must submit a University application for aid form.

Requests for financial assistance are considered only after the student has been accepted for enrollment.



I. Scholarships and Awards

The Bishop Thomas K. Gorman Foundation Scholarships:

Maintained by the interest earned on a special fund begun by civic leaders in 1956 as a tribute to Bishop Gorman on the occasion of his Silver Jubilee and the opening of the University of Dallas. Outstanding scholarship, leadership, and need for assistance are factors considered in the awarding of these scholarships. Value: one four-year tuition scholarship.

The University Scholarships:

Maintained by special funds set aside annually by the University of Dallas. The following scholarships are awarded to freshmen and are generally renewable during sophomore, junior, and senior years for high academic achievement, leadership and need:

(1) Ten scholarships are available to graduates of the high schools of the Diocese of Dallas-Fort Worth.

(2) The University of Dallas National Competitive Scholarship Awards:

Five full tuition scholarships renewable on condition of high academic achievement. Additional Awards: partial scholarships; value determined by the Scholarship Committee on the basis of academic achievement.

(3) A limited number of scholarships are made available to students whose academic achievement justifies consideration by the Scholarship Committee.

The Diocesan Council of Catholic Women Scholarships:

Maintained by funds set aside annually by the University of Dallas and the contributions of Diocesan Councils of Catholic Women. These schol-

arships are awarded by the respective diocesan councils on the basis of outstanding scholarship, leadership, and financial need. They are renewable on the basis of high academic achievement and continued need.

The Little Rock Diocesan Council of Catholic Women:

Value: One four-year tuition scholarship. Applicants are restricted to parishes affiliated with Little Rock Diocesan Council of Catholic Women.

The Alexandria Diocesan Council of Catholic Women:

Value: One four-year tuition scholarship. Applicants are restricted to parishes affiliated with the Alexandria Diocesan Council of Catholic Women.

The Natchez-Jackson Diocesan Council of Catholic Women:

Value: One four-year tuition scholarship. Applicants are restricted to parishes affiliated with the Natchez-Jackson Diocesan Council of Catholic Women.

The Texas Council of Church-Related College Scholarships:

Maintained by special funds set aside annually by the University of Dallas and issued through the certificate systems of the Texas Council of Church-Related Colleges. Awarded on the basis of high school records, the results of the College Entrance Examination Board, the National Merit Scholarship Tests, and other standardized tests. These scholarships are generally renewable during sophomore, junior, and senior years for high academic achievement, leadership, and need.

The Layden-Maher Scholarship:

Awarded by the Scholarship Committee on the basis of scholarship achievement and need.

The E. Constantin, Jr. Scholarship in Memory of E. Constantin, III:

Awarded by the Scholarship Committee on the basis of scholastic achievement and need.

The Eugene Constantin, III Memorial Scholarship:

Awarded on the basis of financial need, scholastic achievement, character, and leadership potential. Given annually to a student whose major course of study, either graduate or undergraduate, is in the Department of Philosophy.

The Richard A. Hillman Memorial Scholarship for the Willmoore Kendall Program in Politics and Literature:

Awarded annually to a graduate student in politics and literature.

The Tarrant County Scholarship Fund:

Awarded by the Scholarship Committee to a graduate of a Tarrant County High School.

The Lawrence A. Hart Scholarship:

Awarded by the Scholarship Committee on the basis of intellectual ability and financial need.

Ann Heller Maberry Award

This award will be given annually beginning in the 1969-1970 school year to an outstanding woman student of the University of Dallas.

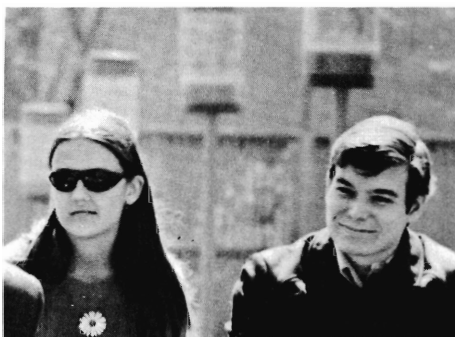
The occasion of the award will be an event honoring the role of woman in cultural affairs and featuring an address by an outstanding woman scholar. This event is funded by the proceeds from a gift made by Mr. and Mrs. Fred Lange in memory of the daughter of Mr. and Mrs. Frank Heller, patrons of the University of Dallas.

The American Thread Corporation Scholarship:

A full-tuition scholarship awarded annually to a student of academic promise and on the basis of financial need.

Scholarships for Clergy, Religious, and Divinity Students:

Clergymen, members of religious orders, and divinity students or seminarians may apply to the Director of Financial Aid for assistance in meeting tuition charges. Grants-in-aid are awarded to such applicants on the basis of scholastic ability, manifest need, the availability of funds, and regulations governing the awarding of such funds.



II. Federal and State Aid Programs

A. Educational Opportunity Grants

A program of direct awards sponsored by the federal government makes available to a limited number of undergraduate students, with exceptional financial need, direct grants to attend the college of their choice. To be eligible, the student must show academic or creative promise.

Eligible students may receive Educational Opportunity Grants for a maximum of four years.

Grants range from \$200.00 to \$1000.00 a year, and can be no more than one-half of the total assistance given the student.

B. United Student Aid Funds, Inc.

United Student Aid Funds, Inc., is a non-profit corporation supported by the Federal Government and established to endorse bank loans to deserving students. The loans are made at low rates of interest. Payments are not required until the student completes his education and are spread over a period of years.

C. The National Defense Student Loan Program

To be eligible for a loan, a student must be in financial need, able to maintain good academic standing, and have been accepted for enrollment.

An undergraduate may borrow for college expenses in one year a sum not exceeding \$1,000.00, and during his entire course, a sum not exceeding \$5,000.00. A graduate student may borrow in one year a sum not exceeding \$1,500.00 and during his entire course a sum not exceeding \$5,000.00. Interest is charged at the rate of 3% per year on the unpaid balance beginning with the date on which payment of the loan is to begin. Repayment of a loan begins nine months after borrower ceases to pursue a full-time course of study at an institution of higher education, and ends ten years thereafter, unless the repayment period is extended for good reasons. Recipients who later teach on any level in public or private American schools are granted a remission of 1/10th of their indebtedness for each year (up to a maximum of five) of teaching.

D. The Texas Opportunity Plan

To qualify for a Texas Opportunity Plan, an applicant must (1) be a resident of Texas, (2) be accepted for enrollment, (3) establish that he has insufficient resources to finance his college education, (4) be recom-

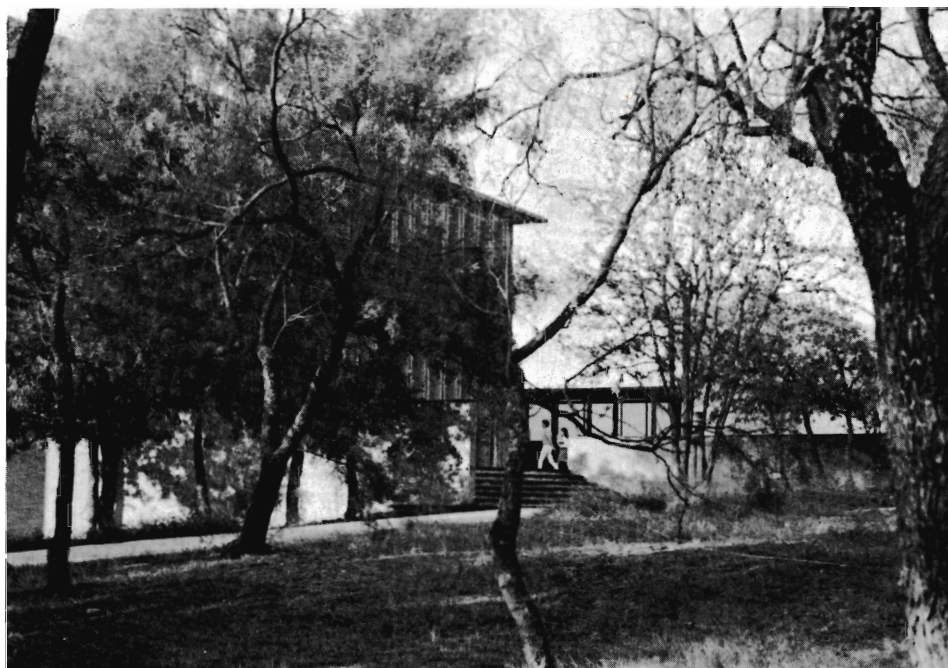
mended by reputable persons in his home community, and (5) be approved by the Dean of Students.

The applicant must be meeting minimum academic requirements during the semester in which a loan is made and must be carrying at least one-half the normal course load for a full-time student.

The amount of the loan to a student cannot exceed the difference between the financial resources available to him and the amount necessary to pay his reasonable expenses as a student.

Loans made to a student in an academic year may not exceed \$1,500.00 for a graduate or professional student or \$1,000.00 to any other student. The aggregate amount loaned shall not exceed \$7,500.00 to a graduate or professional student or \$5,000.00 to any other student. No interest is paid on loans while the student remains in school; 3% per annum accrues during the repayment period.





University Requirements For the Bachelor of Arts Degree

1. Theology **0-9 credits**

Nine credits in Theology are required of **Catholic** students. Regularly, these are earned in Theology 11 and 20 and a third course numbered 21 or above. Ordinarily, Philosophy I and II are prerequisites to all theology courses and Philosophy 23 is a prerequisite to Theology 20.

2. Philosophy **12 credits**

All students must offer twelve credits in philosophy. Normally, the program in philosophy is Philosophy 1, 11, 23 and an elective.

3. English **12 credits**

The Literary Tradition: English 1, 2, 11, and 12 are required.

4. Art, Drama or Mathematics **6 credits**

A student is expected to take complete courses rather than one semester of a two-semester course. Courses in studio art and in applied music do not fulfill this requirement. Courses in "college" algebra, trigonometry, or analytic geometry may not be offered in fulfillment of this requirement. Requirements may be met through Art 11-12, Drama 11-12, or appropriate courses in mathematics.

5. Physical or Natural Science **6 credits**

The student may offer any laboratory science in fulfillment of this requirement. Six credits in one science are required. Students who are not majoring in physical science or in mathematics should ordinarily take Science 11 and 12.

6. Foreign Language **3-12 credits**

The foreign language requirement may be met by first passing a qualifying examination at the beginning of the fall semester and then passing one upper division course in the same language.

Students with at least two high school units in a foreign language will be expected to build upon this preparation by taking courses numbered 11 and 12 in the same language. This will satisfy the language requirement. Students unable to qualify for 11, must enroll in the beginning language course and proceed through the courses numbered 11 and 12. Credits received for courses numbered 1 and 2 may not be offered in fulfillment of the 120 credits required for graduation.

7. Western Civilization **6 credits**

History 1 and 2, in fulfillment of this requirement, are taken by all students in the freshman year.

8. American Civilization **6 credits**

History 11 and 12 are taken by all students in the sophomore year, except for science and mathematics majors, who take these courses in the junior year.

9. Politics **3 credits**

A one-semester course in American Government, Politics 11 is ordinarily taken by the student in the freshman year.

10. Economics **3 credits**

Economics 11, a one-semester course, is ordinarily taken in either semester of the sophomore year.

11. Major Program

The student must satisfy the requirements of his major program as established by the department in which he elects to major.

Grades below C in advanced courses in the major department do not count toward fulfillment of the major requirement.

12. Advanced Credits

The student must earn thirty-eight credits in courses numbered 20 or above, of which thirty must be earned at the University of Dallas. The last twelve advanced credits in the major must be earned at the University of Dallas.

13. Total Credits

The student must earn a minimum of 120 credits exclusive of language courses numbered 1 and 2, over a period of not less than eight semesters. Summer sessions of twelve weeks or longer may count as semesters for this purpose.

14. Grade Point Average

To obtain a degree, the student must offer an overall grade point average of C (2.000). Not more than 30 credits passed with a grade of D are acceptable for graduation.

15. Residence Requirement

The final year of study must be spent at the University of Dallas.

16. Comprehensive Examination

In his senior year, the student must pass a comprehensive examination in his major field.

17. Graduate Record Examination

A student must take the Graduate Record Examination at his own expense during the senior year.

18. Graduation Fee

The student must pay a fee of \$25.00 to help defray the cost of graduation exercises, which includes the rental of academic regalia, and the printing of di-

plomas, invitations, and programs.

Course Numbers, Credits, Classification, and Grades

Credits

The credit given for each course is listed with the description of the course. Normally, one credit represents a minimum of fifteen hours in lecture or seminar periods. Art studio periods and science laboratory periods represent a minimum of thirty laboratory or studio hours per credit but may exceed this number in particular disciplines.

Course Numbers

Courses numbered 1-19 are freshman-sophomore courses. Courses numbered 20-49 are of junior-senior level. Courses numbered from 50 to 59 are open to both seniors and graduate students. Those numbered 60 and above are graduate courses.

Classification of Students

A student who has earned less than thirty credits is classified as a freshman; from thirty to fifty-nine credits, a sophomore. To be classified as a junior, a student must have earned sixty credits and have accumulated a minimum total of one hundred twenty grade points. A senior is one who has earned ninety credits and is capable of finishing in one year all requirements for a degree.

A special student is one who is not enrolled as a candidate for a degree. Special students who wish to become candidates for degrees must fulfill the requirements of the University and secure the approval of the Admissions Committee.

Undergraduate special students may not enroll in courses numbered 60 or above.

A full-time undergraduate student is one enrolled for a minimum of twelve semester hours.

Grades and Quality Points

Grades	Quality Points
A Superior	4
B Above Average	3
C Average	2
D Passing	1
F Failure	0

Other Grades are:

- W** Withdrew from course, with permission of the Academic Dean, within four weeks of the beginning of the semester.
- WP** Withdrew, with permission of the Academic Dean, after the first four weeks of the semester while earning a passing grade.
- WF** Withdrew, after the first four weeks, while earning a failing grade. It is included in the computation of grade averages.
- FA** Failure due to absences. This grade is assigned by the Absence Committee because of the student's failure to comply with absence regulations. It is a failing grade and is included in the grade averages.
- I** Incomplete. It is assigned by the instructor when a student has failed to satisfy minor requirements of the course.
- X** Assigned by the instructor when a student misses the final examination. With permission of the Academic Dean, the student may be given a special examination and the X grade changed to the grade earned.

X and I grades in undergraduate courses, which are not removed within the first four weeks of the following semester, will be changed to F. A grade of I received in a graduate course may be removed by satisfying the requirements of the course within a one year period.

Grade-Point Average

The grade-point average is found by dividing the total number of quality points earned by the total number of credit hours attempted. In order to receive a degree, a student must attain an over-all average of C (2.000 quality points). Not more than 30 credit hours passed with a grade of D are acceptable for graduation.

Examinations

At the end of the semester, there is a two-hour written examination in each course. This final examination covers the work of the entire semester. No students are exempted from the final examination. Unexcused absence from a final examination constitutes a failure.

Permission to make up an examination missed because of extenuating circumstances may be granted by the Dean. In all cases in which a special examination is required, a fee of \$5.00 will be charged.

Student Reports

A student's parents or guardians are notified of mid-semester grades of D and F. They also receive reports of final grades at the end of the semester.

Dean's List

A student earning 14 or more credits in a semester and achieving a grade-point average of 3.5 or higher merits the distinction of being placed on the Dean's List which is published at the end of each semester.

Honor Roll

A student earning 14 or more credits in a semester and achieving a grade-point average of 3-3.49 is placed on the Honor Roll.

Graduation Honors

The baccalaureate degree with dis-

tion, awarded to students who have maintained a high degree of scholastic excellence, is of three grades: Cum Laude, which requires a grade-point average of 3.000; Magna Cum Laude, a grade-point average of 3.500; and Summa Cum Laude, a grade-point average of 3.800.

A transfer student, to be eligible for honors at graduation, must have earned sixty credits at the University of Dallas. His average, however, is computed on the basis of his four-year program.

At commencement exercises each year, **Faculty Medals** are awarded to the two students with the highest over-all averages. The **Cardinal Spellman Award**, maintained by interest on a special fund given by His Eminence, the late Francis Cardinal Spellman, is presented each year to assist an outstanding graduate in his further studies.

Absences.

Absences in excess of three in any one course, or three successive absences in a course, are reported to the Dean by the instructor.

The Committee on Academic Discipline may drop a student from any course for excessive absences, regardless of their cause, and assign a grade of FA.

No official of the University nor any faculty member may exempt a student from a class, laboratory, or examination period. Each student is held accountable to the individual instructor for his absences. Consequently, a student is not entitled to excused absences or free "cuts." Etiquette suggests that the student explain his absences to the instructor. An instructor may, at his discretion, request a student to leave the classroom for the remainder of that particular class period and hold the student absent on that day.

Withdrawal

Withdrawal from courses or from the University must be with written permission of the Academic Dean.

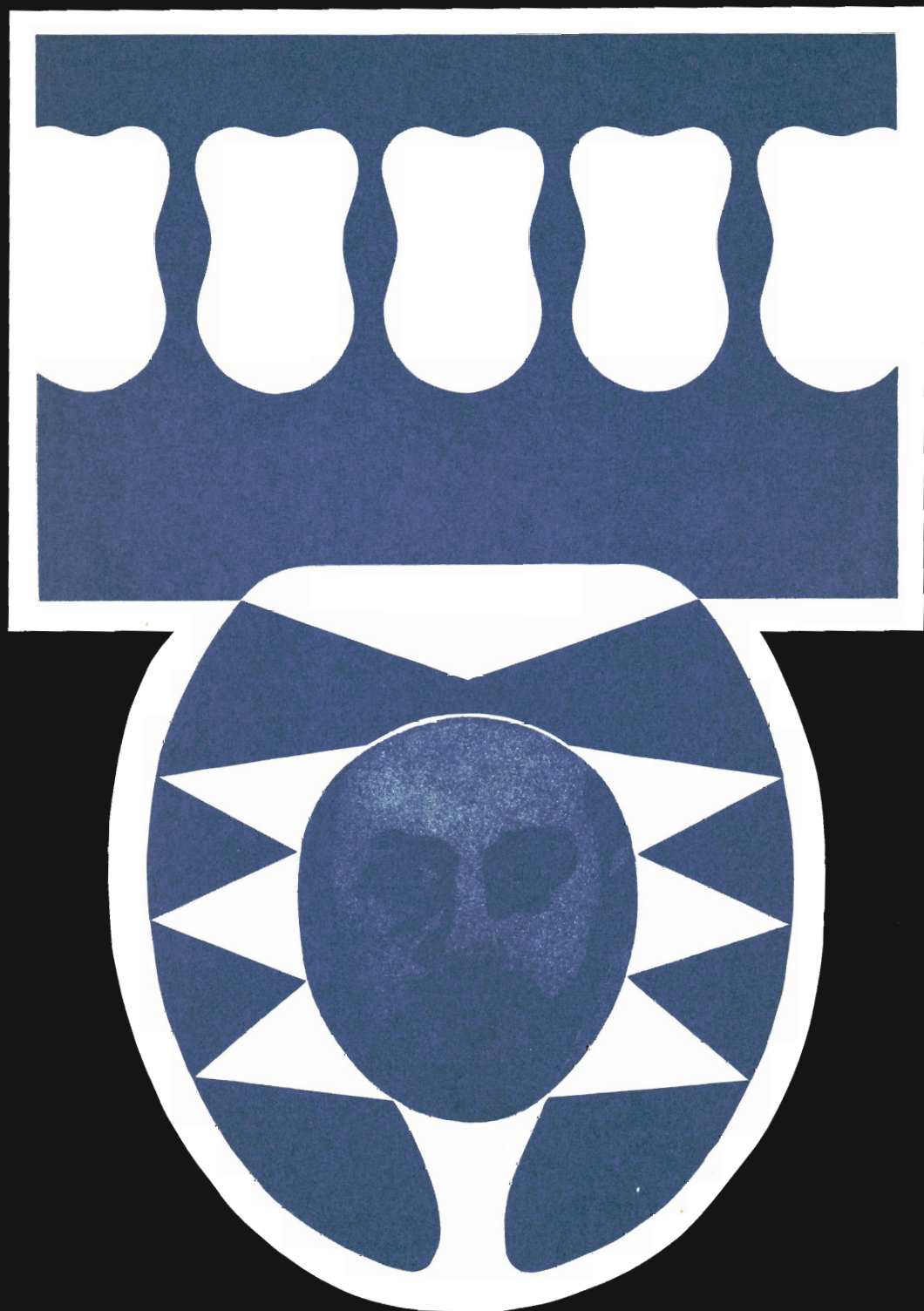
Students are not permitted to withdraw from courses during the four weeks before the final examination period. Grades of F are assigned for unofficial withdrawals.

Awarding of Degrees

All degrees are granted by the Board of Trustees of the University upon recommendation to the Board by the respective faculties through the Dean and the President of the University.







THE BRANIFF GRADUATE SCHOOL

History and Aims

The history of the University of Dallas is closely linked with the names of Braniff and Blakley. These are permanently enshrined with the William A. Blakley Library, the Braniff Graduate Building, the Braniff Memorial Tower, and the Braniff Graduate School.

Senator William A. Blakley, lawyer, statesman, and industrialist, was a member of the first advisory board of the University of Dallas. Both Senator Blakley and Tom Braniff, founder of Braniff International Airways, had been vitally interested in private higher education. Before their tragic deaths in 1954, Tom and Bess Braniff knew of plans for a proposed University of Dallas and had expressed hope that it would become a reality. Efforts to found the University captured the interest and support of Senator Blakley, who was devoted to the principles of private higher education and aware of the need for more educational centers of excellence in the Dallas-Fort Worth area.

The Blakley-Braniff Foundation was dissolved in 1964, with all of its assets going to carrying out its purposes and objectives. Senator Blakley and the other directors of the Foundation chose the University of Dallas for the site of the Braniff Graduate School as the highest and best tribute to the memory of Tom and Bess Braniff in perpetuity and made a seven and a half million dollar grant for its establishment.

The graduate school offered its first courses in 1966. The Braniff Graduate Building was completed in 1968, along with the mall and the Braniff Memorial Tower.

Eight graduate programs are now in existence. It is the purpose of the Braniff Graduate School to provide professional education in a variety of fields, enabling the University of Dallas to pursue its philosophy of strong undergraduate education in the liberal arts with professional and technical education at the graduate level.

Graduate School Requirements

The Graduate School sets **minimum** standards. Each department establishes rules and requirements which supplement those of the Graduate School. The student is responsible for knowing all rules and requirements pertaining to the degree he seeks.

Major Programs

The Masters Degree

The University confers the Master of Arts degree in the following areas: Art, English, and Theology. It also offers the Master of Fine Arts, the Master of Business Administration, the Master of Science degree in Quality Systems, and the Master of Theology Degree. It also offers interdepartmental programs leading to the Master of Arts in Art Education, English Education, Government Education, and Physics Education.

The Ph.D. Degree

The University confers the Doctor of Philosophy in Politics and Literature, and in Physics.

Admission

Regular Admission

Admission represents a judgment as to the probability of a student's success in graduate work. This judgment is usually based on the student's undergraduate academic record. Applicants should write to the Graduate Dean of the Braniff Graduate School for application materials. The applicant will complete and return these forms and have a transcript from each institution attended sent directly to the Graduate School. In addition he must submit two letters of recommendation. Graduate Record Examination scores must be submitted prior to admission as a

"regular graduate student." (The admissions test for Graduate Schools of Business (ATGSB) will suffice for those students seeking degrees in business management or quality control).

Each application is reviewed by the proposed major department and the Dean of the Graduate School.

The applicant must possess a bachelor's degree or its equivalent from an approved college or university. He should have an undergraduate major or equivalent evidence of suitable background for entering the proposed field. The concept of graduate education held by the University of Dallas assumes a broad liberal arts undergraduate background. Departments will determine the adequacy of preparation, with the approval of the Dean of the Braniff Graduate School, and the applicant may be required to enroll for undergraduate courses to remedy deficiencies in other subjects as well as that chosen for graduate study.

Conditional Admission

A student who has not submitted GRE scores or who has deficiencies in his undergraduate preparation may be admitted conditionally, but in the latter case he must present substantial evidence of capacity to perform at the graduate level.

Admission as an International Special Student

Students from other countries whose work is difficult to evaluate or whose degree goals are not firmly determined may be admitted as "International Special Students". Such students are not considered degree candidates until such time as their department formally recommends a change in their status. However, at that time, the department may indicate that part or all of the student's previous work at the University of

Dallas should be accepted for graduate residence or for meeting departmental requirements.

Unless proficiency is otherwise demonstrated, every foreign applicant whose native tongue is not English is required to take either the English Language Test given through the English Language Institute at Ann Arbor, Michigan or the TOEFL Test of the Educational Testing Service, Princeton, New Jersey. These tests are given in the student's home country and are normally the only certification of language ability which the Graduate School accepts. Unless one or the other of the tests has been taken at least three months before his proposed date of enrollment, the student cannot be sure of having his application processed in time for admission.

Foreign Students should also be aware of the tuition and living costs involved, and that the university has no special funds for foreign students. Loan funds are not available since they are restricted to U.S. citizens.

Admission as a Special Student

Applicants over 21 who have completed an undergraduate degree may be permitted to take certain graduate courses with permission of the department concerned.

Such students are not considered degree candidates until such time as their department formally recommends a change in status. At that time, the department may indicate that part or all of the student's previous work at the University of Dallas which should be accepted for graduate work. A special student may not be admitted to candidacy until he has been reclassified as a regular graduate student.

Continuation

Any student's continuation in the Graduate School is at the discretion of the Graduate School and his major department. The Graduate School normally requires an average of B or better in all work taken as a graduate student. In special cases the Graduate School permits a student with a record which does not meet this standard to continue on probation upon recommendation of the major department.

Dismissal

The Branniff Graduate School reserves the right to dismiss at any time any student whose academic standing, financial indebtedness to the University, or conduct it finds undesirable.



University Requirements for the Master's Degree

According to the University of Dallas concept of education, the Master's degree is the professional degree. Therefore, no set number of hours constitutes any given program; rather an acceptable proficiency in a sufficient scope of the discipline or profession constitutes the criterion for the degree. A minimum of twenty-four credits, earned at the University of Dallas, is required for the Master of Arts. Specific departmental requirements must be consulted in each instance with respect to programs leading to the master's degree and the course work required.

Examination

As part of his master's degree program the candidate must pass a comprehensive examination administered by his major department, which may be oral, written, or both, at the option of his department.

Eligibility for the final examination is determined by the department. It indicates that the student's record is clear of incompletes and that he will satisfy degree requirements by completing the work of the semester.

Thesis

Where required, the candidate must present a thesis. In some programs a project or exhibit is required in lieu of a thesis.

Residence

There is no Braniff Graduate School residence requirement for the master's degree. However, departments do stipulate residence requirements, such as the two semesters required for the Master of Fine Arts degree.

Time Limit

A master's degree must be completed within five years of admission to candidacy in the program.

Languages

Proficiency in a foreign language is required, except where indicated.

Admission to Candidacy

A student is admitted to candidacy when he has demonstrated ability to perform graduate level work in his discipline. Satisfactory completion of at least nine hours, and no more than fifteen, is part of this demonstration. It is the student's responsibility to apply for admission to candidacy. The application is made to the chairman of his department who will then file the department's recommendation with the Graduate School and advise the candidate of the disposition of his request. A faculty director for the student's further work is chosen by the candidate at this time.

University Requirements for the Doctor of Philosophy Degree

The Doctor of Philosophy degree is the highest conferred by the University. It is a research and philosophic degree indicating a profound commitment to a discipline and is never conferred solely as a result of any prescribed period of study, no matter how faithful. The degree is granted only upon evidence of general proficiency, distinctive attainment in a special field, and capacity for independent investigation and creative scholarship.

The applicant is ordinarily expected to have a master's degree; however, if a well defined body of skills is not a recognized part of a philosophic discipline, the master's degree may not be prerequisite to candidacy for the doctorate.

Residence

At least three academic years, or their equivalent in advanced studies, beyond the bachelor's degree is normally the minimum requirement for the degree, with at least two years of that work done at the University of Dallas. Each candidate must spend at least one continuous academic year on campus as a full-time graduate student.

Time Limit

All requirements for the Ph.D. degree must be met within eight years of initial admission to candidacy in the Graduate School or the student will be deemed to have lost all residence credit.

Language

Proficiency in two languages, usually French, German or Russian, must be demonstrated by the candidate. With approval of the Graduate Faculty the candidate's department may allow another language to be substituted for one of these on the ground of greater pertinence to a student's program.

Admission to Candidacy

Admission to candidacy is not granted prior to the second semester of the second year of full academic work beyond the bachelor's degree.

An applicant is admitted to candidacy for the Ph.D. degree when he has passed at least one language examination and the comprehensive has passed at least one language preliminary examination in his major field; presented the title or special field of the proposed dissertation, approved by the major department, and is enrolled in the fourth semester of full academic work beyond the bachelor's degree. The dissertation advisor, who must be chosen prior to admission to candidacy, will satisfy

himself that the candidate is ready to stand a qualifying examination and will present him to the department for this examination.

Should a candidate fail to take the final oral examination within five years after passing the preliminary examination, he must take another preliminary examination and be re-admitted to candidacy.

Dissertation

A dissertation of suitable quality and magnitude shall be submitted by the candidate, and after it is approved, a defense of the dissertation, open to the Graduate Faculty, must be made by the candidate.

Detailed information concerning the formal requirements for preparation and filing of dissertations may be obtained from the Graduate School and the department.

Final Oral Examination

The Graduate Faculty will appoint, for each candidate, an examining committee of five or more members of the graduate faculty, with the major professor as chairman. The time and place of the examination are arranged by the major professor. The oral examination may cover the dissertation and the general field of studies; but the preliminary examination may be construed as final for certain aspects of the field if the professor in charge of the candidate's work is satisfied with his preparation. When the candidate has passed this examination the fact is recorded on the warrant provided.

The candidate may not take the final oral examination until all other requirements for the degree have been satisfied and there has been a lapse of one academic year or its equivalent from the time of the preliminary examination. The student's record must be cleared of **incomplete** grades.

General Information

Student Load

The normal full-time load is 12 credits per semester and six credits per summer session. A student enrolled for 9 credits of graduate work is considered full-time. Courses carrying graduate credit are those numbered in the 50 to 99 range.

Holders of Research Assistantships, Fellowships and Scholarships supported by the Graduate School are, in general, required to carry a full program of studies during their appointments. Students under this classification who have completed the preliminary examination and any required residence may, however, carry a program consisting of 3 or more credits of research under the direction of his major department.

Withdrawal

Withdrawal from courses or from the University must be with written permission of the Academic Dean.

Students are not permitted to withdraw from courses during the four weeks before the final examination period. Grades of F are assigned for unofficial withdrawals.

Incompletes

Grades of "I" must be removed by the end of the semester following except for theses, dissertations, and other special projects as approved by the professor. After that time the "I" becomes permanent and may not be removed.

Diploma Application

To be recommended for a degree, a student must file a formal application in the Graduate Registrar's Office, where a special form may be obtained. This should be done by the

end of the second week of the semester and by the end of the first week of the summer session during which the student is reasonably certain of completing his work for the degree. If he does not complete his work in the term during which the application is filed, it is necessary that he reapply early during the succeeding term in which he expects his degree.

Awarding of Degrees

Degrees are granted by the Board of Trustees of the University of Dallas upon recommendation to the Board of Trustees made by the Graduate Faculty through the Dean and the President.

Fees and Expenses

Graduate Tuition, per credit, \$60.00. All students who have earned at least a bachelor's degree pay the graduate rate of \$60.00 per credit in courses numbered 60 and above, whether or not such courses are taken in a degree program.

Seniors needing only six credits to complete graduation requirements may be accepted into the Braniff Graduate School conditionally and enroll in not more than two graduate courses (except in the case of the "through-plan" arrangement for the M.B.A.) These students will pay at the rate appropriate to the level of the course. Graduate work taken under these circumstances will be carried on the undergraduate transcript until the student has completed the bachelor's degree. The student is responsible for seeing that this work is transferred to the records of the Braniff Graduate School.

Graduation Fee	\$25.00
-----------------------	----------------

Room and Board per semester

Single room	\$565.00
Double room	520.00
(These fees include weekly linen service.)	
Room Deposit	25.00
Room Change	15.00
Dormitory Damage Deposit	25.00
Graduation Fee	25.00

Thesis, Exhibit, Project, or Dissertation Expense

Each candidate for the M.A. must pay a fee of \$20 for the binding of three copies of his thesis. Each candidate for the M.B.A., the M.A. in Art, and the M.F.A. must bear the expenses of the project or exhibits required for graduation.

Each candidate for the Ph.D. must bear the expense of microfilming his dissertation, binding three copies of it, and publishing an abstract.

Refund Policy

The same policy applies as that stipulated on page 19 concerning refunds at the undergraduate level.

Financial Aid

For the promotion of scholarship and research the Braniff Graduate School administers several different forms of financial aid for graduate students: fellowships, scholarships, teaching assistantships, research or project assistantships, and loans. Scholarships are normally dependent upon full-time study in the Graduate School. Assistantships, whether teaching or research, depend upon the needs of the department and qualifications of the student. Loan programs include the National Defense Student Loan Program, the USAF Loan Program, and the Texas Opportunity Loan Program which is restricted to Texas residents.

Employment

The student employment section of the Financial Aid Office helps place students and their husbands and wives in jobs, on and off campus.

Forms

Application forms for fellowships, scholarships, and loans may be obtained from the Financial Aid Office or the Graduate Dean. Interest in assistantships should be indicated by personal letter to the department concerned.

Housing

Campus housing is available for unmarried graduate students. Apartments and houses, in all price ranges, are plentiful in the Irving-Dallas area.





The Trustees, Officers of Administration, and Faculty

Board of Trustees

The Most Reverend Thomas J. Tschoepe, D.D., Chancellor and Chairman of the Board

The Most Reverend Thomas K. Gorman, D.D., D. Sc. Hist., Chancellor Emeritus

The Most Reverend John J. Cassata, S. T. Lr. Vice-Chancellor and Vice-Chairman of the Board

Charles P. Schulze, Secretary

The Right Reverend Monsignor Gerald A. Hughes

The Right Reverend Monsignor Joseph P. Erbrick

The Right Reverend Monsignor John T. Gulczynski, P. A., J. C. D.

Charles Beard

William A. Blakley

E. Constantin, Jr.

Donald A. Cowan

Max Guillot

Edmond R. Haggard

P. E. Haggerty

Ed Hudson

James L. Ling

Edward R. Maher

Joseph Neuhoff

James W. Simmons, Jr.

Bryan F. Smith

Marvin R. Springer

J. B. Thomas

John P. Thompson

Thomas C. Unis

Officers of Administration

Donald A. Cowan,
Ph.D., President

The Very Reverend Edward R. Maher,
Ph.D., Vice-President

Reverend Damian C. Fandal, O.P.,
S. T. D., Graduate Dean

Thomas H. Landess
M.A., Academic Dean

Felix F. Lange,
B.A., C.P.A., Comptroller

William Durick,
B.S., Dean of Students

James Fougerousse,
B.A., Dean of Men

Michael O'Shea,
B.A., Assistant to the President

Reverend John S. Reidy,
S.T.D., Chaplain

Sister Mary Margaret O'Connell,
S.S.M.,

M.A., Registrar

Sister Mary Ellen Williams,
S.S.M.,

M.A., Dean of Women

Sybil M. Novinski,
M.A., Director of Admissions and Counseling

Kenneth R. Meyers,
B.A., Admissions Counselor

Louise Austin,
B.A., Graduate Registrar

H. S. Duke,
B.A., Director of Athletics

Jack F. Lutts,
M.A., Manager, Accounting Office

Benjamin J. Stabile,
B.A., Manager, University Bookstore
Allen L. Peterson,
Maintenance Supervisor
Louis C. Johnston,
M.D., University Physician, Director
of Health Services
Dorothy Kolb,
R.N., University Nurse
David Morgan,
B.S., Director, Information Services
William D. Sims,
Director, Data-Processing Center
James Smith,
B.B.A., Director, University Food
Services



The Faculty (1969-1970)

George Anastaplo,

Visiting Professor of Politics
J. D., University of Chicago
Ph. D., University of Chicago

John E. Alvis,

Instructor of English
B.A., University of Dallas
M.A., University of Dallas

Sister Joseph Marie Anderson,

S. S. N. D.,

Librarian
B. S., Loyola University of the South
M. A., Immaculate Heart College

Bernard A. Asner, Jr.,

Assistant Professor of Business
Management

B. S., University of Oklahoma
M. A., University of Alabama
Ph. D., Northwestern University

Nettie L. Baker,

Assistant Librarian
B. S., Southern University

David L. Balas, S. O. Cist.,

Associate Professor of Philosophy
and Theology

Chairman, Department of Theology
Director, Division of Philosophy
and Theology

Ph. L., Athenaeum Anselmianum,
Rome

S. T. L., Athenaeum Anselmianum,
Rome

S. T. D., Athenaeum Anselmianum,
Rome

Heri Bert Bartscht,

Associate Professor of Art,
Director, Division of Fine Arts
M. F. A., (equivalent), Academy of
Fine Arts, Munich, Germany

Waltraud Bartscht,

Assistant Professor of Foreign
Languages

B. A., (equivalent) Meisterschule,
Munich, Germany

M. A., Southern Methodist University

Richard Baxter,

Adjunct Professor of Accounting,
B.B.A., Southern Methodist
University

M.B.A., Southern Methodist
University

Sister Saint John Begnaud, S. S. M.,

Assistant Professor of English and
Theology,

Director, Humanities Program

B. A., Our Lady of Victory College

M. A., The Catholic University of
America

M. A., Notre Dame University

Richard J. Bishirjian,

Assistant Professor of Politics
A.B., University of Pittsburgh

Melvin E. Bradford,

Associate Professor of English
Chairman, Department of English

B. A., University of Oklahoma

M. A., University of Oklahoma

Ph. D., Vanderbilt University

Constance Brewton,

Adjunct Professor of English

B.A., University of Dallas

M.A., University of Dallas

Stephen W. Brown,

Assistant Professor of Behavioral
Sciences—Acting Chairman,

Department of Behavioral Sciences

B. A., Northeast Louisiana State
College

M. Ed., Louisiana State University

Ed.D., Mississippi State University

Robert J. Burke,

Adjunct Professor of Advertising

B.S., Bucknell University

M.B.A., Southern Methodist
University

Thomas Cain, O. P.

Associate Professor of Philosophy
and Theology

S. T. Lr., College of the Immaculate
Conception, Washington

Ph. L., University of Santo Tomas,
Manila

S. T. Lr., University of Santo Tomas,
Manila

Ph. D., University of Santo Tomas,
Manila

S. T. Prae., Santa Sabina, Rome

John Carroll,

Professor of History

A. B., Georgetown University

A. M., Georgetown University

Ph. D., Georgetown University

Donald L. Caruth,
Assistant Professor of Management
and Human Behavior
B.B.A., Southern Methodist
University
Ph.D., North Texas State University

Hazel Cazorla,
Associate Professor of Foreign
Languages
B. A., Oxford University
M. A., Oxford University

James H. Clark,
Adjunct Professor of Art History

Guy D. Coffelt,
Adjunct Professor of Accounting
and Law
B.S., Oklahoma University
M.S., Oklahoma State University
J.D., South Texas College of Law

Samuel P. Cook,
Associate Professor of Physics,
Director, Division of Physical and
Natural Sciences
Chairman, Department of Physics
B. S., California Institute of
Technology
Ph. D., Johns Hopkins University

Charles A. Coppin,
Assistant Professor of Mathematics
B. S., Southwestern University
M. A., University of Texas
Ph. D., University of Texas

Donald A. Cowan,
Professor of Physics,
President
B. A., Texas Christian University
Ph. D., Vanderbilt University

Louise S. Cowan,
Professor of English,
B. A., Texas Christian University
M. A., Texas Christian University
Ph. D., Vanderbilt University

Daniel Csanyi, S. O. Cist.,
Assistant Professor of Theology
S. T. L., Athenaeum Anselmianum,
Rome
S. T. D., Pontifical Gregorian
University, Rome
S. S. L., Pontifical Biblical Institute,
Rome

Placid Cszimazia, S. O. Cist.,
Lecturer in Greek
M. A., Royal University of Budapest
Ph. D., Royal University of Budapest
Thomas M. Cumiskey, O.P.,
Assistant Professor of Education
A.B., University of Illinois
M.A., Loyola University
M.Ed., Loyola University
Bernard J. Cunningham,
Adjunct Professor of Management
B. S., Iowa State University
M. B. A., Southern Methodist
University

Eugene C. Curtsinger, Jr.,
Associate Professor of English
B. A., Notre Dame University
Ph. D., Notre Dame University

Leo Paul deAlvarez,
Assistant Professor of Politics
Chairman, Department of Politics
B. A., University of California
Ph.D., Notre Dame University

William Dimmitt,
Adjunct Professor of Management
B.B.A., North Texas State University
M.B.A., North Texas State University

Frank J. Doe,
Assistant Professor of Biology
B.S., Spring Hill College
Ph.D., Brandeis University

Robert Scott Dupree,
Assistant Professor of English
Director, Division of Languages
and Literature
B. A., University of Dallas
M. A., Yale University
Ph. D., Yale University

Odo Egres, S. O. Cist.,
Associate Professor of Foreign
Languages
M. A., Royal University of Budapest
Ph. D., Royal University of Budapest

Bruce D. Evans,
Assistant Professor of Management
and Human Behavior
B.S., Kent State University
M.B.A., University of Michigan
Sister Cecile Faget, S.S.M.N.,
Assistant Professor of English
B. A., Our Lady of Victory
M. A., Catholic University
Ph. D., University of Ottawa

Damian Fandal, O. P.,

Associate Professor of Theology,
Graduate Dean

B. A., The Aquinas Institute,
River Forest

M. A., The Aquinas Institute,
River Forest

S. T. Lr., The Aquinas Institute,
Dubuque

S. T. L., University of St. Thomas
Aquinas, Rome

S. T. D., University of St. Thomas
Aquinas, Rome

Harold L. Feldman,

Adjunct Professor of Management

B. B. A., University of Oklahoma

J. D., Southern Methodist University

Norman H. Fenton, O. P.,

Assistant Professor of Philosophy
and Theology

Chairman, Department of Philosophy

B. A., Stanford University

B. A., Aquinas Institute, River Forest

LL. B., Stanford University

M. A. (Philosophy), Aquinas Institute,
River Forest

M. A. (Theology), Aquinas Institute,
River Forest

Ph.D., University of Chicago

Nancy J. Flemmons,

Instructor of Education

B.S., Texas Christian University

M.Ed., Texas Christian University

Thomas Flynn, O. P.,

Assistant Professor of Philosophy

B. A., Providence College

M. A., University of Minnesota

Ph. D., Aquinas Institute, River Forest

James Fougousse,

Adjunct Professor of Foreign

Languages

Dean of Men

B.A., University of Dallas

Timothy Froendhoff, O. P.,

Assistant Professor of Philosophy
and Theology

M. A., The Aquinas Institute, River
Forest

M. A., DePaul University

S. T. Lr., The Aquinas Institute, River
Forest

John T. Gossett,

Adjunct Professor of Behavioral
Sciences

B.A., University of Arkansas

M.A., University of Arkansas

Ph.D., University of Arkansas

David Gordon,

Assistant Professor of Quantitative
Methods and Management

B.S., University of Texas at
Arlington

M.S.E.A., Southern Methodist
University

D. Eng., University of Oklahoma

Henry Donelson Guion,

Adjunct Professor of Quality Control

B. S., Millsaps College

B. S. E. E., Louisiana State
University

M. S. E. E., Louisiana State
University

Robert W. Hagabak,

Adjunct Professor of Behavioral
Sciences

B.A., Harvard University

M.A., University of Texas

Ph.D., University of Texas

Gilbert S. Hardy, S. O. Cist.,

Associate Professor of Philosophy
and Theology

Ph. L., University of St. Thomas
Aquinas, Rome

Ph. D., University of St. Thomas
Aquinas, Rome

S. T. D., Pazmany University,
Budapest

Ph. D., University of Paris

Sister Mary Colleen Hennessey,

S.S.N.D.,

Instructor in Education

B. A., Webster College

M. Ed., DePaul University

William Heye,

Adjunct Professor of Accounting
and Management

B.S., Texas A&M

M.B.A., Harvard University

Frederick S. Hipple,

Instructor in Economics

Acting Chairman, Department of
Economics

B. A., Trinity University

M.A., Trinity University

Martin K. Hopkins, O.P.,
Associate Professor of Theology
M.A., The Aquinas Institute,
River Forest
S.T.L., University of St. Thomas
Aquinas, Rome
S.S.L., The Pontifical Biblical
Commission, Rome

Norman Howes,
Assistant Professor of Mathematics
B.S., Eastern New Mexico University
M.S., Texas Christian University
Ph.D., Texas Christian University

Soledad Jasin,
Instructor of Foreign Languages
B.A., Southern Methodist University
M.A., University of California,
Berkeley

Jack K. Jeanes,
Associate Professor of Chemistry,
B. S., North Texas State University
M. S., North Texas State University
Ph. D., University of Texas

Judith French Kelly,
Assistant Professor of Drama
Chairman, Department of Drama
B.A., University of Dallas
M.A., Marquette University

Patrick J. Kelly,
Instructor in Drama,
Director, University Theater
B.A., Notre Dame University
M.F.A., Southern Methodist
University

Roch Kereszty, S.O.Cist.,
Assistant Professor of Theology
M. A., Eotvos Lorant University,
Budapest
S. T. L., Athenaeum Anselmianum,
Rome
S. T. D., Athenaeum Anselmianum,
Rome

J. B. Kerbow,
Associate Professor of Foreign
Languages,
Chairman, Department of Foreign
Languages
B. A., Southern Methodist University
M. A., Southern Methodist University
Ph. D., Yale University

Nabil S. Khaldi,
Instructor of Economics
B.B.A., Southern Methodist
University
M.B.A., Southern Methodist
University

Donald R. Kinney,
Adjunct Professor of Human Behavior
B.S.E.E., Marquette University
M.B.A., University of Dallas

Arthur Robert Koch,
Adjunct Professor of Art
B. F. A., Rhode Island School of
Design
M. F. A., University of Washington

Catherine Kochevar
Adjunct Professor of Economics
B.A., Southern Methodist University
M.A., Southern Methodist University

Anthony Kubek,
Professor of History,
Director, Division of Social Sciences
B. S., Georgetown University
M. S., Georgetown University
Ph. D., Georgetown University

Bede Lackner, S. O. Cist.,
Lecturer in History and Theology
S. T. B., Anthenaeum Anselmianum,
Rome
M. A., Marquette University
Ph. D., Fordham University

Thomas H. Landess,
Assistant Professor of English,
Academic Dean
B. A., Vanderbilt University
M. A., Vanderbilt University

Sister Camelia Lass, S. S. N. D.,
Lecturer in Foreign Languages
B. A., Loyola University, New Orleans
M. A., Louisiana State University

Louis J. Lekai, S.O. Cist.,
Professor of History
M.A., Royal University of Budapest
Ph.D., Royal University of Budapest

David Lipsher,
Adjunct Professor of Behavioral
Sciences
B.A., Yale University
M.A., Stanford University
Ph.D., Stanford University

Sister Clodovia Lockett, S. S. N. D.,

Associate Professor of Biology
Chairman, Department of Biology
B. S., St. Louis University
M. S., DePaul University
Ph. D., St. Louis University

Robert G. Lynch,

Associate Professor of Management
Chairman, Graduate School of
Management
B. S., Ohio State University
M. B. A., Ohio State University

**Sister M. Augustine McCurtin,
S. H. G.,**

Adjunct Professor of Education
A.B., Incarnate Word
M.A., Our Lady of the Lake

Edward R. Maher,

Associate Professor of History,
Vice-President
B. A., St. Mary's University
M. A., Fordham University
M. Ed., Xavier University, Cincinnati
Ph. D., Fordham University
S.T.L., University of St. Thomas
Aquinas, Rome

James Makens,

Associate Professor of Management
B. S., Colorado State University
M. S., Michigan State University
M. B. A., Michigan State University
Ph. D., Michigan State University

**Sister Francis Marie Manning,
S. S. M.,**

Assistant Professor of English
B. A., Our Lady of Victory College
M. A., The Catholic University of
America
Ph. D., University of Ottawa

Edward R. Marcin,

Assistant Professor of Philosophy
Ph. B., The Aquinas Institute, River
Forest
M. A., Loyola University, Chicago

Benjamin W. Marguglio,

Lecturer in Management
B. B. A., City University of New York
M. B. A., City University of New York

William Glen McLoughlin,

Adjunct Professor of Management
B. A., Catholic University
M. B. A., University of Dallas

Helmut Merklein,

Assistant Professor of Management
B.S., University of Oklahoma
M.B.A., University of Dallas
Ph.D., Texas A&M University

Elia Meyers,

Lecturer in Foreign Languages
B. A., University of Dallas

Benedict Monostori, S. O. Cist.,

Associate Professor of Physics
M. S., Royal University of Budapest
Ph. L., Anthenaeum Anselmianum,
Rome

Ph. D., Fordham University

John S. Nabors,

Adjunct Professor of Statistics
B.S., University of Texas
M.A., North Carolina State University

Moses Nagy, S. O. Cist.,

Associate Professor of Foreign
Languages

M. A., Marquette University

Ph. D., University of Laval, Quebec

Lyle Novinski,

Associate Professor of Art,
Chairman, Department of Art
B. S., Wisconsin State College
M. S., University of Wisconsin
M. F. A., University of Wisconsin

**Sister Mary Margaret O'Connell,
S.S.M.,**

Associate Professor of History,
Registrar
B. A., Our Lady of Victory College
M. A., The Catholic University of
America

William O. Osborn,

Adjunct Professor of Business
Management
B. A., University of Wichita

Peter Henry Parsinen,

Adjunct Professor of Management
Management

B. A., University of Minnesota

M. B. A., University of Pennsylvania

Robert C. Perry,

Assistant Professor of Management
J. D., The George Washington
University

Oscar K. Pickels,

Adjunct Professor of Management
B.S., Louisiana Tech
M.B.A., Southern Methodist
University

Sister M. Lelia Pond, S. S. N. D.,
Associate Professor of Foreign
Languages
A. B., Loyola University, New Orleans
M. A., Loyola University
Ph. D., Western Reserve University

Warren M. Pulich,
Assistant Professor of Biology
B. S., University of Arizona
M. S., Southern Methodist University

Christopher S. Rabay, S. O. Cist.,
Assistant Professor of Philosophy
and Theology
S. T. L., Dominican House of Studies,
Budapest

Everett Dwight Roach,
Chairman, Department of
Mathematics
B. S., University of Texas
M. A., University of Texas
Ph. D., University of Texas

Alfred F. Schram,
Associate Professor of Chemistry
Chairman, Department of Chemistry
A. B., University of Oklahoma
M. S., University of Oklahoma
Ph. D., University of Oklahoma

John Schrup,
Assistant Professor of Art
B. S., University of Wisconsin
M. S., University of Wisconsin
M. F. A., University of Wisconsin

Evelyn S. Scott,
Assistant Librarian
B. A., University of Southwestern
Louisiana
B. A. in L. S., Louisiana State
University

Lambert Simon, S. O. Cist.,
Assistant Professor of Chemistry
M. A., Royal University of Budapest

Douglas Smith,
Adjunct Professor of Chemistry
B.S., Southern Methodist University
M.S., Southern Methodist University

Juergen Strunck,
Instructor of Art
B.A., (equivalent) University of
Munich
M.A., University of Dallas
M.F.A., University of Dallas

James D. Teller,
Professor of Education,
Chairman, Department of Education,
Director, Division of Education and
Behavioral Sciences
B. S., Ohio State University
M. A., Ohio State University
Ph. D., Ohio State University

Felicia H. Trager,
Adjunct Professor of Behavioral
Sciences
B. A., Wayne State University
M. A., University of Buffalo
Ph. D., University of Buffalo

Mary Trippet,
Assistant Professor of English
B. B. A., North Texas State University
M. A., Texas Christian University
Ph. D., University of Illinois

June R. Welch,
Assistant Professor of History and
Politics,
Academic Dean
B. A., Texas Christian University
B. A., University of Texas at Arlington
M. A., Texas Technological College
J. D., George Washington University

Frederick D. Wilhelmsen,
Professor of Philosophy and Politics
Chairman, Department of Philosophy
B. A., University of San Francisco
M. A., Notre Dame University
Ph. et Litt D., University of Madrid,
Spain

John Williams,
Instructor of Art
B.B.A., Southern Methodist
University
M.S., Florida State University

Sister Mary Ellen Williams, S. S. M.,
Associate Professor of Behavioral
Sciences
B. A., Our Lady of Victory College
M. A., The Catholic University of
America

Rudolph Zimanyi, S. O. Cist.,
Associate Professor of Foreign
Languages
M. A., (Education), Canisius College
M. A., (Romance Languages),
Marquette University
Ph. D., Northwestern University

Departments and Courses of Instruction



Organization of Instruction

The University of Dallas consists of the Undergraduate College and The Braniff Graduate School.

To secure cooperation between closely related departments, and to assist in administration, the Undergraduate College groups its departments and programs into six divisions.

Note:

Although non-Catholic students are invited to take Theology courses such as Theology II, **The Mystery of God**, it is not required. Appropriate electives may be substituted where **Theology** is indicated in major program outlines throughout the catalog.

I. Division of Education and Behavioral Sciences

Department of Education
Department of Behavioral Sciences

II. Division of the Fine Arts

Department of Art
Department of Drama

III. Division of Languages and Literature

Department of English Language and Literature
Department of Foreign Languages
The Humanities Program

IV. Division of Philosophy and Theology

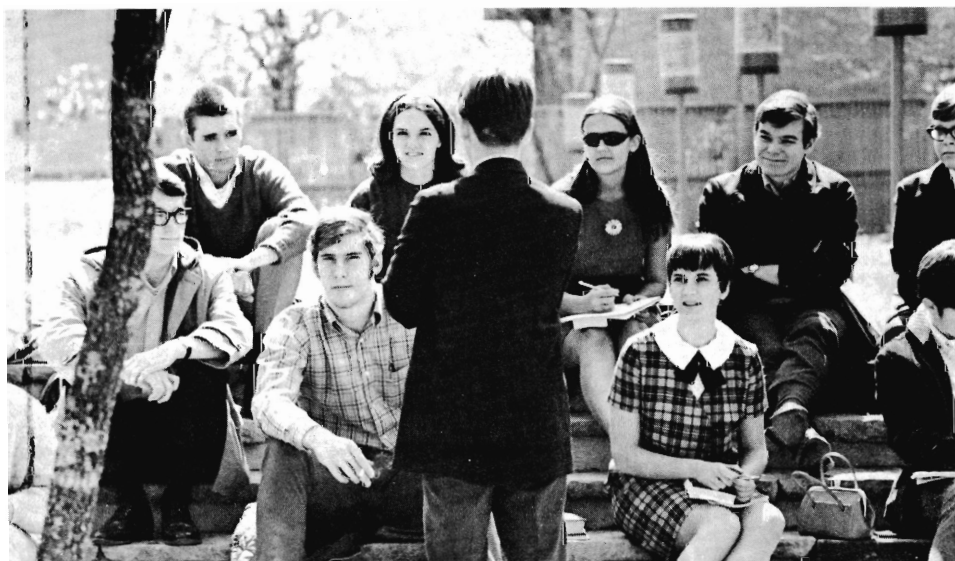
Department of Philosophy
Department of Theology

V. Division of Physical and Natural Sciences

Department of Biology
Department of Chemistry
Department of Mathematics
Department of Physics

VI. Division of Social Sciences

Department of Economics
Department of History
Department of Politics



Department of Art

Chairman and Associate Professor Novinski; Associate Professor H. Bartscht; Assistant Professor Schrup; Instructors Strunck and Williams; Adjunct Professors Clark and Koch.

The Art Department strongly emphasizes the balanced liberal arts curriculum of the University. It is the conviction of the department that thorough academic training, including an intensive art history survey, is essential for the major in art both as foundation and stimulation for the instruction received in the studio. Combined with the art history survey is the history relevant to each studio area and the research of the senior seminar.

The aim of the department is to provide the student with basic principles—not merely standard solutions. The major in Art should be prepared to perform competently in the field after graduation or go on to successful graduate work.

Within the art major curriculum there are four areas which a student may pursue with some intensity: Ceramics, Commercial Design, Painting, and Sculpture. The student may also qualify for the all-level certificate in the teaching of art.

Specific Requirements for a Major in Art

Comprehensive Examination

In the spring of the senior year an oral examination is given consisting of questions in the history and philosophy of art and in professional orientation. The examining committee includes faculty members representing the areas of the student's undergraduate art curriculum.

Senior Exhibition

In the final semester of study the art major must also present an exhibit containing representative work done in studio courses throughout his undergraduate career. The exhibit is to be selected, designed, and constructed by the student and will be judged by the faculty of the department. A slide record of the exhibit must be filed with the department, and the department may select one piece to be held on loan for one year.

Core Program — All Areas

The Art Department views the study of the plastic arts, particularly at the undergraduate level, as an interdisciplinary pursuit. The student must have experience in several studio disciplines and at the same time must work with some intensity in a selected media. Thus, the art major includes a core of drawing and design courses, five studio courses in one area, and some elective work in other media.

Year I

Art 11, Art History I	3
Art 3, Basic Drawing I	2
English 1	3
History 1	3
Language 11	3
Philosophy 1	3
	<hr/>
	17

Art 12, Art History II	3
Art 4, Basic Drawing II	2
English 2	3
History 2	3
Language 12	3
Politics 11	3
	<hr/>
	17

Year II

Art 19, Design Foundation	3
Art 13, Human Figure	2
English 11	3
History 11	3
Philosophy 11	3
Science 11	3
	<hr/>
	17

Art 20, Design Foundation	3
Art 16, 17 or 18, Beginning Studio	2
English 12	3
History 12	3
Theology 11	3
Science 12	3
	<hr/>
	17



Area of Ceramics Within the Art Major Curriculum

A basic program of creative and technical experience in ceramic processes, materials, and equipment for students who wish to prepare as artist-potters and ceramicists.

Year III

Art 22, Intermediate Ceramics II	3
Art 43, Intermediate Sculpture	3
Philosophy 23	3
Economics 11	3
Elective	3
	<hr/> 15

Art 16, Painting	2
Art 40, Intermediate Ceramics III	3
Theology 20	3
Electives	6
	<hr/> 14

Year IV

Art 49, Senior Ceramics	2
Art 51, Senior Seminar	2
Art Elective	2-3
Theology	3
Electives	6
	<hr/> 15-16

Art 50, Senior Ceramics	2
Art 52, Senior Seminar	2
Art 45, Art Metal	2
Philosophy Elective	3
Electives	6
	<hr/> 15

Area of Commercial Design Within the Art Major Curriculum

A broad approach to drawing, design, and other media combined with experience in contemporary practices as applied to the field of commercial design. Upon consultation with the department a more general two or three dimensional design area may be developed for some students.

Year III

Art 23, Graphics	3
Art 37, Intermediate Commercial Design	3
Philosophy 23	3
Economics 11	3
Elective	3
	<hr/> 15

Art 24, Graphics	3
Art 39, Intermediate Commercial Design	3
Theology 20	3
Elective	3
Art 25, Design for Theater	3
	<hr/> 15

Year IV

Art 49, Senior Design	2
Art 51, Senior Seminar	2
Art 69, Senior Drawing	2
Theology	3
Electives	6
	<hr/> 15

Art 50, Senior Design	2
Art 52, Senior Seminar	2
Art Elective	2-3
Philosophy Elective	3
Electives	6
	<hr/> 15-16

Area of Painting Within the Art Major Curriculum

Studio guidance in contemporary approaches to painting as a mode of artistic expression and a guided development of the student's ability toward a personal expression in the media.

Year III

Art 23, Graphics	3
Art 33, Inter. Painting	3
Philosophy 23	3
Economics 11	3
Elective	3
	<hr/> 15

Art 24 or 18, Graphics or Sculpture	2-3
Art 34	3
Theology 20	3
Electives	6
	<hr/> 14-15

Year IV

Art 49, Senior Painting	2
Art 51, Senior Seminar	2
Art 59, Senior Drawing	2
Theology	3
Electives	6
	<hr/> 15

Art 50, Senior Painting	2
Art 52, Senior Seminar	2
Art Elective	2-3
Philosophy Elective	3
Electives	6
	<hr/> 16

Area of Sculpture Within the Art Major Curriculum

Training through direct experience in the use of classic sculpture materials—clay, stone, plaster, wood, and metal—for three dimensional expression; experimentation with various contemporary materials.

Year III

Art 22, Ceramics	3
Art 43, Intermediate Sculpture	3
Philosophy 23	3
Economics 11	3
Elective	3
	<hr/> 15

Art 16 or 23, Painting or Graphics	2-3
Art 44, Intermediate Sculpture	3
Theology 20	3
Electives	6
	<hr/> 14-15

Year IV

Art 49, Senior Sculpture	2
Art 51, Senior Seminar	2
Art Elective	2-3
Theology	3
Electives	6
	<hr/> 15-16

Art 45, Art Metals	2
Art 50, Senior Sculpture	2
Art 52, Senior Seminar	2
Philosophy Elective	3
Electives	6
	<hr/> 15



Pre-Architecture

Whenever possible the pre-architecture student should take additional work in Mathematics, Science, and Art (particularly in Sculpture, Art

Metal, and Ceramics which will introduce him to various materials and important design subtleties).

Recommended Course Sequence:

Year I

Art 3, Drawing	2
Art 11, Art History	3
Mathematics 3	4
English 1	3
History 1	3
	<hr/>
	15

Art 4, Drawing	2
Art 12, Art History	3
Mathematics 4	4
English 2	3
History 2	3
	<hr/>
	15

Year II

Art	2
Art 19, Design Foundations	3
Physics 11	4
English 11	3
History 11	3
	<hr/>
	15

Art	2
Art 20, Design Foundations	3
Physics 12	4
English 12	3
History 12	3
	<hr/>
	15



Program Leading to a Texas Provisional All-Level Teaching Certificate in Art

A student may qualify for this certificate by following one of the programs outlined in the preceding pages and completing the required professional courses. The student must apply to the Education Department for admission to certificate program. Students entering it with an Art degree from another institution must submit a portfolio for approval and take a minimum of 4 studio credits in the Art Department.

The Art Education area includes the following Education courses; Education 21, 27, 28, 46, 49. Practice teaching, Education 49, is done in the spring semester of the senior year. A fifteen hour load in that semester is considered maximum. All other Education courses must be completed prior to that semester.

A total of 48 hours in Art credit is required, including Art 27 and 28. The outline below is suggested as a logical sequence which includes both the art major requirements and the professional certification requirements. Provisional certification is valid for life and entitles the holder to teach in public or private schools in Texas on the level of the holder's specialization.

Area of Art Education Within the Art Major Curriculum

Year III

Art 27, Elementary	3
Art Education	6
Art Electives	3
Education 27	3
Education 28	3
Elective	3
	<hr/> 18

Art 28, Secondary	3
Art Education	6
Art Elective	3
Theology 20	3
Philosophy 23	3
Elective	3
	<hr/> 18

Year IV

Art 51, Senior Seminar	2
Art 49, Senior Studio	2
Economics 11	3
Education 21	3
Education 46	3
Elective	3
	<hr/> 16
Art 52, Senior Seminar	2
Art 45, Art Metal	2
Art 50, Senior Studio	2
Theology	3
Education 49	6
	<hr/> 15



Courses in Art

- 3. Basic Drawing I** 2 credits
Drawing from various objects; principles of perspective; the use of lines and tones to develop form by various drawing media. Fall.
- 4. Basic Drawing II** 2 credits
A continuation of Art 3. Spring.
- 11. History of Art I** 3 credits
Western art from Egypt to the Baroque. Fall.
- 12. History of Art II** 3 credits
Western art from the Baroque to the present. Spring.
- 13. The Human Figure** 2 credits
Anatomy of the human figure with studio experience in presenting the human body in drawing, construction in plasticine, guache painting. Fall.
- 16. Painting I** 2 credits
Spring.
- 17. Ceramics I** 2 credits
Spring.
- 18. Sculpture I** 2 credits
Construction of full round figures and reliefs. Spring.
- 19. Design Foundations** 3 credits
A studio exploration of the theory and processes common to good design; the second semester course may be a specific design media experience at the discretion of the department. Fall.
- 20. Design Foundations** 3 credits
A continuation of Art 19. Spring.
- 22. Intermediate Ceramics—Ceramics II** 3 credits
- 23. Graphics I—Intaglio** 3 credits
Intaglio — drypoint, line and aquatint etching; principles of engraving and resist techniques. Fall.
- 24. Intermediate Graphics—Graphics II** 3 credits
A continuation of the work of Graphics 23 with an introduction to Lithography techniques. Spring.
- 25. Design for the Theater** 2 credits
Offered when required for interdisciplinary use with the Drama Department.
- 27. Art for the Elementary School Teacher** 3 credits
- 28. Art for the Secondary School Teacher** 3 credits
- 31. Intermediate Graphics—Graphics III** 3 credits
Lithography
- 34. Intermediate Painting—Painting II** 3 credits
Fall.
- 35. Painting III** 3 credits
A continuation of Art 34. Spring.
- 36. Light, Time, and Motion** 2 credits
Concepts of still and motion photography.
- 37. Intermediate Commercial Design I** 3 credits
Layout and graphic reproduction.
- 39. Intermediate Commercial Design II** 3 credits
Advertising Design
- 40. Intermediate Ceramics—Ceramics III** 3 credits
Technical ceramics; prerequisite Art 17 or 18
- 41. Independent Theoretical and Studio Research** 3 credits
- 42. Independent Theoretical and Studio Research** 3 credits
- 43. Intermediate Sculpture—Sculpture II** 3 credits
Three dimension work in wood, cast stone, and metal. Fall.

- 44. Sculpture III 3 credits**
A continuation of Art 43. Spring.
- 45. Art Metal 2 credits**
Design exploration of silver and comparable metals; specific application to jewelry and small sculpture. Spring.
- 47. History of Interior Design 3 credits**
From ancient civilizations to contemporary concepts and applications. Required field research and studio work. Offered when required.
- 49. Senior Studio 2 credits**
Fall.
- 50. Senior Studio 2 credits**
Spring.
- 51. Senior Seminar 2 credits**
Fall.
- 52. Senior Seminar 2 credits**
Spring.
- 53. History of Architecture and Sculpture 3 credits**
Western architecture from the early Romanesque period through the Renaissance.
- 54. History of American Art 3 credits**
From the colonial period to the present.
- 55. Arts of the Twentieth Century 3 credits**
The arts of the 20th Century as influenced by the events of the closing decades of the 19th century.
- 56. The Renaissance 1400-1600 3 credits**
A history of the art of the Renaissance, with emphasis on Italy.
- 57. Northern Renaissance 1400-1550 3 credits**
Flemish and German painting and graphics from Van Eyck to Holbein.

- 58. History of Oriental Art 3 credits**
Study of the key monuments of the art of India, China, and Japan.

- 59. Senior and Graduate Drawing 2 credits**
Fall.

Graduate Work in Art

The graduate programs of the Department of Art are primarily concerned with the professional preparation of the student.

Upon review of the transcripts and portfolio presented, the graduate committee of the Art Department will make an assignment of courses to be taken. After completion of the first 9 to 12 hours of work the committee will then re-evaluate this assignment, making any necessary adjustments. At this point the student is assigned a master professor to aid in the development of the studio specialization.

A number of tuition scholarships are awarded to full-time students. The scholarship holder is expected to be available for department work for up to 5 hours per week. Partial grants are sometimes made.

Some research assistantships are awarded. These request 15 hours work per week. The stipend is \$300 per semester plus remission of tuition. Teaching assistantships are rare. Loans should be applied for through the Financial Aid Office.

THE M. A. PROGRAM

The Master of Arts in Art program is an approximately 30 credit program. Work is available in painting, sculpture, graphics, ceramics and related areas. In addition to the studio work the M.A. student will take two graduate Art History courses and two seminars. An M.A. exhibition, with accompanying slides for department records, and a comprehensive examination are required.

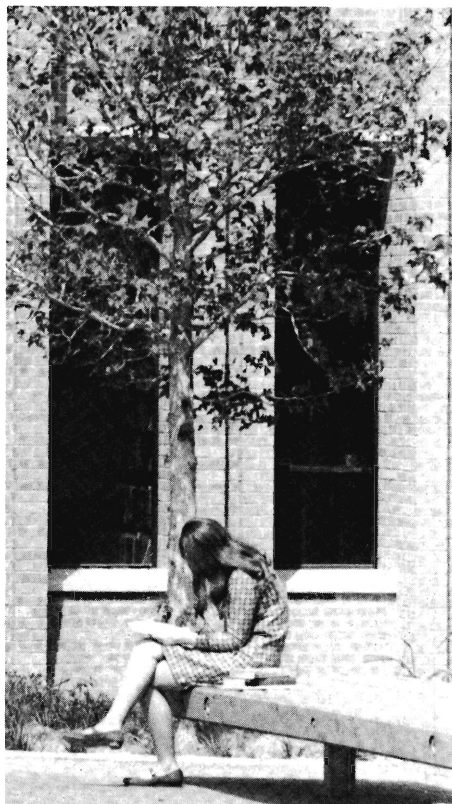
THE M.F.A. PROGRAM

The Master of Fine Arts is the accepted terminal degree for artists. The program is designed for graduate artists of special talent who wish to prepare themselves as professional artists and for positions in senior institutions. It is an approximately 60 credit program, 30 credits beyond the M.A. Two semesters of residence are required during the second year. To enter the program the student should present an M.A. degree in Art or its equivalent and must pass a qualifying examination, which may be taken twice, the second time in the early Fall. No residence credit is given until the qualifying examination is passed. The examination will be used in counseling and in directing the student's program.

Areas available for study are painting, sculpture, graphics, ceramics and related areas. Art History and Seminar are again required in this second year along with the studio work. The department will expect performance of a professional nature in both the M.F.A. exhibition, with accompanying paper and slides, and the comprehensive examination. The student shall exhibit both a developed personal direction in studio work and a general competency in art history areas along with knowledge of a wide spectrum of studio techniques.

Graduate Courses in Art

72a-72b. Sculpture Fall and spring.	3-5 credits
73a-73b. Painting Fall and spring.	3-5 credits
74a-74b. Ceramics Fall and spring.	3-5 credits
77a-77b. Graphics Fall and spring.	3-5 credits
82a-82b. Sculpture Fall and spring.	3-5 credits
83a-83b. Painting Fall and spring.	3-5 credits
84a-84b. Ceramics	3-5 credits
87a-87b. Graphics Fall and spring.	3-5 credits
91a-91b. M. A. Seminar	4 credits A two semester seminar to be taken in sequence and required of all graduate candidates. Fall and spring.
92a-92b. Graduate Problems	3-5 credits
98a-98b. M.F.A. Seminar	4 credits A two semester seminar to be taken in sequence and required of all graduate candidates. Fall and spring.



Department of Behavioral Sciences

Chairman and Assistant Professor, Sandello; Professor, Teller; Associate Professor, Williams; Assistant Professor, Bean; Adjunct Professors, Gossett, Hagabak, Lipsher, and Trager.

In pursuit of the universal values of a liberal education, the use of scientific method and attitude in the study of man's behavior complements the insights gained through the student's philosophical, theological, historical, and other humanistic studies. It is believed that this objective can be achieved more readily through an integration of research related to those aspects of behavior which have been studied scientifically by psychologists, sociologists, cul-

tural anthropologists, ergologists, and other behavioral scientists than by a more specialized approach. Throughout this integration the emphasis will be upon deepening the student's understanding of the methods and attitudes of these various scientists in investigating man's behavior.

All courses in this department count toward a teaching field for a certificate to teach social studies in secondary schools.

Basic Program for the Bachelor of Arts Degree

Major in Behavioral Sciences



Year I

English 1	3
History 1	3
Philosophy 1	3
Mathematics 1	3
Language 11	3

15

English 2	3
History 2	3
Economics 11	3
Mathematics 2	3
Language 12	3

15

Year II

English 11	3
History 11	3
Philosophy 11	3
Biology 11	4
Psychology 11	3

16

English 12	3
History 12	3
Theology 11	3
Biology 12	4
Sociology 11	3

16

Year III

Biology 31	4
Psychology 27	3
Philosophy 23	3
Politics 11	3
Behavioral Sciences 21	3

15

Biology 25	3
Psychology 28	3
Theology 20	3
Anthropology 21	3
Psychology 29	3

16

Year IV

Psychology 30	3
Behavioral Sciences 33	3
Elective	6
Psychology 36	3

15

Theology 38	3
Education 55	3
Behavioral Sciences 34	3
Philosophy 33	3
Education 54	3

15

Courses in Behavioral Sciences

Anthropology

21. Introduction to Cultural Anthropology. 3 credits

A comparative study of cultural behavior with emphasis on the interactions of culture and individual self-perception and action. Spring, odd numbered years.

Behavioral Science

21. Statistics for the Behavioral Sciences 3 credits

An introductory statistical course for behavioral science and education majors. Central tendencies, correlations, graphs, charts, frequency distributions, sampling errors, chi square and the properties of the normal curve. Fall.

30. Measurement and Evaluation 3 credits

Analysis of a wide variety of measurement techniques and tools geared to guiding and reporting student progress. Fall, odd-numbered years.

33. Behavioral Experimentation and Instrumentation 3 credits

Instrumentation and laboratory experiences, with supplemental lectures, applicable to the general areas of animal and human behavior as related to the behavioral sciences. Fall.

34. Practicum in the Behavioral Sciences 3, 3 credits

Field and supervised observation in the areas of special education, social work, and psychotherapy with opportunities for administering basic psychological/sociological tests and scales. Fall and Spring. Pre. Permission of Instructor.

Psychology

11. General Psychology 3 credits

An introduction to scientific psychology. Biological and physiological bases of human behavior. Attention, perception, motivation, and learning. Fall.

27. Child Growth and Development 3 credits

The physical, mental, social, emotional, and spiritual growth of the child from infancy to adolescence. Fall.

28. Psychology of Adolescence 3 credits

Development of the individual through adolescence; social forces affecting adolescence; personality adjustments. Spring.

29. Educational Psychology 3 credits

The role of psychology in the changing context of organized education; the learner, content, structure, and management of the learning situation; concepts and forms of teaching. Spring.

36. Abnormal Psychology 3 credits

A study of current psychological practices in diagnosis, treatment, and prevention of mental illness including such clinical syndromes as mental retardation, character disorders, stress reactions, and neuroses. Fall, odd-numbered years.

Sociology

11. Introductory Sociology 3 credits

Analysis of the principles, forces, and processes of social life. Spring.

31. The Fundamentals of Marriage 3 credits

Psychological, intellectual, personal, and religious preparation for marriage. Marriage as the basic unit of society. Fall, odd-numbered years.

Department of Biology

*Chairman & Associate Professor Lockett;
Assistant Professors, Doe and Pulich.*

Biology is the exploration of the entire world of the living, and the material universe as it relates to living processes. During his studies the student gains an understanding of the nature and behavior of the living world and integrates this knowledge with the aid of chemistry, physics, and mathematics. Truths and concepts are presented in such a way as to challenge the students to take an active part in the learning process.

The curriculum is designed to prepare students for graduate work, for teaching in the field, for pursuing research careers, as well as for satisfying entrance requirements to medical and dental schools.

Basic Program for the Bachelor of Arts Degree

Major in Biology

Year I

Chemistry 3	4
English 1	3
History 1	3
Mathematics 3	3
Philosophy 1	3
	<hr/> 16

Chemistry 4	4
English 2	3
History 2	3
Mathematics 4	3
Economics 11	3
	<hr/> 16

Year II

Biology 11	4
English 11	3
Philosophy 11	3
Physics 11	4
Mathematics 11	3

17

Biology 12	4
English 12	3
Physics 12	4
Theology 11	3
Elective	2

16

Year III

Biology	3
Chemistry 21	4
History 11	3
Language 11	3
Philosophy 23	3

16

Biology	6
History 12	3
Language 12	3
Theology 20	3

15

Year IV

Biology	4
Chemistry 31	4
Politics 11	3
Theology	3
Elective	2

16

Biology	6
Philosophy elective	3
Electives	6

15

Course requirements for a major in Biology:

The completion of a minimum of 26 semester-hours in the Departments, including Biology 11, 12, 25, 29, 38. Chemistry 3, 3L, 4, 4L, 21, 21L, 31, 31L. Physics 11, 12. Mathematics 3, 4, 11.

Biology majors must earn a minimum of 59 credits in biology, chemistry, physics and mathematics courses.

Courses in Biology

11. General Biology I 4 credits

The principles of life and the fundamental properties, functions, and organization of cells, tissues, and organs. Three lectures, one laboratory period weekly. Fall.

12. General Biology II 4 credits

Plants and animals at the organism level, including classification and interrelationships. Three lectures, one laboratory period weekly. Spring.

23. Comparative Vertebrate Anatomy 4 credits

Structures and relations of and between the classes of vertebrates. Two lectures, two laboratory periods weekly. Prerequisite: Biology 12. Fall.

25. Genetics 3 credits

Basic principles of biological inheritance. Three lectures per week. Spring.

26. Ecology 3 credits

Ecological concepts and principles as they affect the evolution, behavior, and pattern of biotic distribution. Two lectures, one laboratory period each week. Spring.

27. Microbiology 3 Credits

The study of microorganisms and the part they play in everyday life. The fundamental principles of microbiology are considered against a background of broad biological concepts. Two lectures, one laboratory period each week. Fall.

29. Developmental Biology 3 credits

Embryology as it affects the developmental relationships of life processes. Two lectures, one laboratory period each week. Prerequisite: Biology 12. Spring.

31. Physiology 4 credits

The analysis of the physical and chemical phenomena governing the functions of cells, tissues, organs and organ systems of vertebrates. Three lectures, one laboratory per week. Fall.

35. Introductory Biochemistry 3 credits

Chemistry and metabolism of compounds of biological importance, introduction to enzyme reactions, energy metabolism and cellular function. Three lectures. Prerequisites: Chemistry 4, 4L, 21, 21L, 22, 22L. Fall.

36. Intermediary Metabolism 3 credits

Metabolism of carbohydrates, lipids, amino acids, nucleic acids, vitamins and hormones. Three lectures. Spring.

38. Cellular and Molecular Biology 3 credits

The fundamentals of life at the cellular level. Three lectures. Prerequisite: Biology 24. Spring.

38L. Cellular and Molecular Biology 1 credit

One three-hour laboratory period per week.

40. Morphogenesis 2 credits

A discussion of plant and animal morphogenesis at the cellular level. Two lectures.

41-42. Biology Seminar Credits arranged

Current topics in Biology: Prerequisite: Permission of instructor. Fall and Spring.

43-44. Research Credits arranged

Research designed to broaden and deepen the student's knowledge in some phase of biology. Prerequisites: Junior or Senior standing. Fall and Spring.

Courses in Science

11-12. The Basic Ideas of

Science 6 credits

This course constitutes an introduction to the methodology of science with stress laid upon the interaction of theory and experiment. The function of the model in synthesizing a body of fact is developed, together with the extent and limitation of its application. Historical development is employed in order to indicate the relation of science to the temporal mode of thought, but primary emphasis is placed on contemporary ideas. Two hours lecture, two hours discussion and laboratory each week. Fall and Spring semesters.



School of Business Management

Chairman and Associate Professor, Lynch; Director of Master of Business Administration Program and Associate Professor, Makens; Director of Quality Systems Program and Assistant Professor, Gordon; Assistant Professors Asner, Caruth, Evans, Merklein, Perry; Adjunct Professors, Baxter, Burke, Coffelt, Cunningham, Dimmitt, Feldman, Guion, Herzmark, Heye, Kinney, Marguglio, McLoughlin, Nabors, Parsinen, Pickels, and Shamblin.

The field of business management has lost much of its appeal to the young college student. Today's student is concerned with doing something of a responsible nature as soon as possible, and knows that after four years of study toward a bachelor's degree in business administration the firm he is employed by will probably not allow him to undertake a responsible position.

The professions of medicine, law, and dentistry, on the other hand, do not have this problem. Positions of responsibility are immediate, for the right to practice in these professions is built upon professional training following an undergraduate preparation. Since business as a **profession** is one of the most important fields of employment today, the University of Dallas feels that education for positions of responsibility in this area must be centered around truly professional studies at the graduate level, much in the manner of the medical school or law school. The

University offers no opportunity for concentration on business techniques at the undergraduate level. An undergraduate program with major emphasis in economics, history, engineering, mathematics, or the sciences has long been, and will continue to be, an excellent preparation for the business profession; this undergraduate program is similar to pre-law, pre-med, etc., and is considered to be pre-business in the University's Through-Plan concept.

There is a profession of business with a well-defined, although dynamically advancing, set of subject material; the presentation of this material is made through the Master's degree in Business Administration program. Believing strongly in this philosophy, the University of Dallas offers a Through-Plan for students starting at the undergraduate level, and the Master of Science degree in Quality Systems and the Master's degree in Business Administration at the professional level.

THE THROUGH-PLAN

The "Through-Plan" provides a means by which a student can complete both the B.A. and the M.B.A. in an approximately five year period. This approach provides the student with an excellent undergraduate foundation and then adds to it the professional (and much sought after) Masters in Business Administration.

While almost any undergraduate major is acceptable preparation for the M.B.A. the majority of students in the UD "Through-Plan" select Economics as the undergraduate major. The student's undergraduate program is carefully watched by his major professor and a representative of the School of Management to allow for the best choice of electives so that he may move into graduate work in his senior year.

GRADUATE PROGRAMS

Scholars of management have stated that the task of the professional manager is that of creating a true whole that is larger than the sum of its parts, e.g., a productive entity that produces more than the sum of the resources put into it. The professional manager is called upon to accomplish this task in an environment of change and as a responsible member of society. Only by concentration on the basic principles can the student of management, in his professional career, hope to effectively meet the inherent changes of the decades ahead.

Embodying this philosophy, the Graduate School of Management offers programs of study leading to the degrees of:

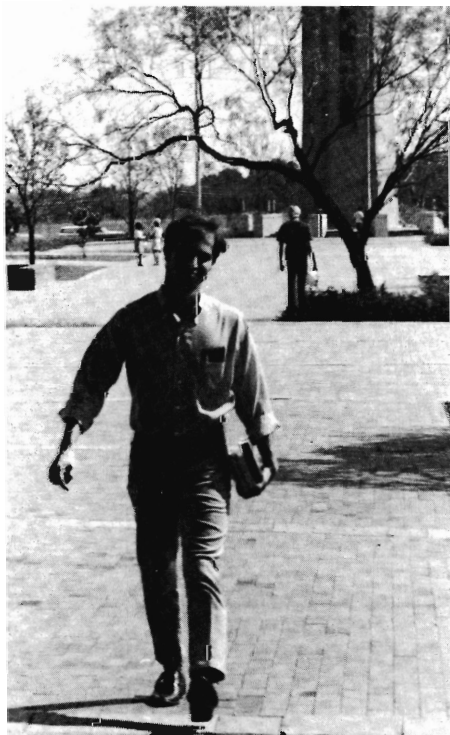
- Master of Business Administration
- Master of Science in Quality Systems

Graduate Program Design

Initially, each applicant's program is established by the appropriate faculty of the School of Management and the Director of the program for which the applicant is applying. This suggested program design will be the result of an intensive evaluation of the student's prior educational attainment, as well as his professional experience.

This first official program is not necessarily final. Additional information may be provided by the student and further evaluation may be made. Such request for program change should be presented to the Chairman before the registration process is completed.

In addition to the program descriptions that follow, each student must complete certain Special Requirements established by the School of Management as delineated in a later section.



Master of Business Administration

The M.B.A. degree at the University of Dallas is considered to be a professional degree for individuals seeking to become, or presently serving as, middle and/or top management. **It is not designed to provide specialists in such areas as accounting, operations research, personnel, etc., but, instead, to educate a well-rounded manager who can coordinate the activities of such specialists toward the goals and objectives of an enterprise or institution.**

Management is not a discipline in and of itself, but, rather, a combination of economics, mathematics, psychology, sociology, and law along with the techniques of accounting, research, and innovation which are applied to the business functions of research and development, production, marketing, and finance in the operation of a viable enterprise. This concept underlies the curriculum and course content of the University of Dallas M.B.A. program.

Fundamentally, the M.B.A. program, as expressed by the curriculum, consists of a minimum of forty-three (43) graduate semester hours (fourteen [14] three-hour courses and one [1] one-hour Graduate School of Management Seminar). Normally, the engineering or scientific undergraduate degree holder will take 46 to 49 semester hours, the liberal arts undergraduate degree holder, 49 semester hours, and the business, accounting, or industrial engineer, 43 semester hours.

The official program is specifically designed in order to provide an opportunity for students holding the bachelor's degree in any area of study to enter at the graduate level and to complete a degree program **without taking undergraduate business prerequisites.**

The student's program is designed to develop proficiency in three funda-

mental areas: (1) Management and Human Behavior, (2) Management-Information Systems, and (3) The Business Environment. The student must take all courses offered in each of the three areas, unless he can logically prove sufficient knowledge of the material or can present acceptable transfer courses.

Courses offered in each of the above classifications are listed below:

- I. Management and Human Behavior
 - Bus. 67, Consumer Behavior
 - Bus. 74, Systems Management
 - Bus. 86, Motivation and Human Resource Management
 - Bus. 92, Concepts in Management
 - Bus. 99, Management Seminar
- II. Management—Information Systems
 - Bus. 61, Decision Mathematics
 - Bus. 64, Operations Analysis and Simulation
 - Bus. 68, Financial Accounting
 - Bus. 70, Managerial Accounting
 - Bus. 71, Statistical Analysis
- III. The Business Environment
 - Bus. 62, Concepts of Economic Analysis
 - Bus. 77, Monetary and Fiscal Policy
 - Bus. 84, Legal Environment

The student completes his program by taking five application courses in the functional areas of business. In these final courses he looks at the fields of research, production, marketing, and finance from a problem-solving point of view. The core courses are: Bus. 93 (Research and Development Management), Bus. 73 (Production Management), Bus. 79 (Marketing Management), Bus. 91 (Financial Management), and the capstone course of the M. B. A. program, Bus. 90 (Total Business Environment). These five courses are **not** eligible for waiver or transfer credit.

Master of Science in Quality Systems

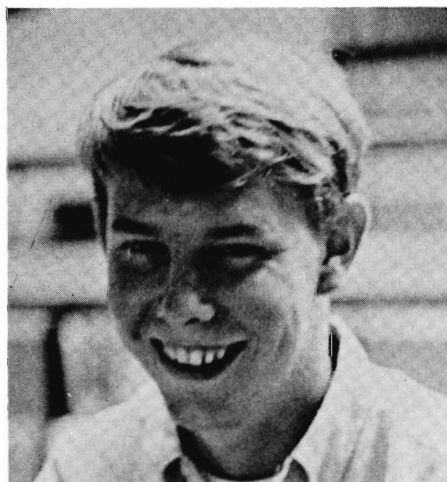
The Braniff Graduate School was the first school in the nation to offer the Master of Science degree in Quality Systems (M.S.Q.S.). This nationally recognized program is considered by the University of Dallas as a graduate professional degree designed specifically for individuals seeking advanced as well as specialized training in the field of Quality Systems Management. Based on the premise that if the student is to be capable of constructive involvement in the Quality profession, he must, in addition to his specialized training, possess a proven capability in contemporary scientific management, the graduate program in Quality Systems seeks to produce students who can not only achieve results in their chosen specialty, but can continue to make significant contributions to overall organizational performance and management effectiveness.

This program is specifically designed for those individuals who hold quantitatively oriented undergraduate degrees, or their equivalent, from accredited universities or colleges. Fundamentally, the M.S.-Q.S. program is designed to develop proficiency and depth of understanding in three fundamental areas. These include: (1) Quality Systems Theory, (2) Management and Human Behavior, (3) Management-Information Systems.

The program is developed around a core curriculum of twelve (12) three-hour graduate courses and one (1) one-hour Management Seminar (a total of thirty-seven (37) graduate hours.) Usually, the student will be required to take all courses offered in each of the fundamental areas, unless it can be established that he possesses sufficient knowledge of the material for waiver or acceptable transfer courses.

Those courses typically offered in each of the above classifications are listed below:

- I. Quality Systems Theory
Bus. 72—The Management of the Quality Function
Bus. 78—Quality System Effectiveness Concepts
Bus. 83—Human Factors in the
- II. Management and Human Behavior
Bus. 74—Systems Management
Bus. 86—Motivation and Human Resource Management
Bus. 92—Concepts in Management
Bus. 99—Graduate Seminar in Management
- III. Management—Information Systems
Bus. 64—Operations Analysis and Simulation
Bus. 71—Statistical Analysis
Bus. 76—Advanced Statistical Analysis
Bus. 82—Industrial Economics Management of the Product Life Cycle
Bus. 85—Consumer and Corporate Relationships
Bus. 89—Problems in Quality Systems Management



GENERAL INFORMATION

Special Requirements

Neither the graduate student nor the professor of management can afford to approach these studies as simply tools, for inherent in each course is a suggestion of the profession itself. As a result, an emphasis on grades, or more subtly, tool proficiency, is not adequate in keeping the student motivated in an overall professional sense. To insure a measure of professionalism, each student will be required to complete the following special requirements. Complete details on these requirements can be found in the Student Manual of the School of Management.

1. Minimal proficiency in one computer programming language.
2. Required outside reading.
3. Management Seminar lecture series.

Foreign Student Requirement

Foreign Students with limited experience in American industry will take one (1) additional three-hour course (Bus. 60) designed to introduce the student to the American business system, its vocabulary and terminology. This requirement will be included in the student's official program when the faculty advisor deems it necessary.

Transfer Policy

A maximum of twelve (12) semester hours may be transferred toward the M.B.A.; a maximum of six (6) semester hours may be transferred toward the M.S.Q.S. degree. The regulations applicable to acceptance of transfer credit are as follows:

- The course must have been taken from an accredited institution at the graduate level;
- A grade of "B" or better must have been received;
- The course must have been completed no longer than ten (10) years prior to admittance to the Braniff Graduate School of Management;
- The course must have been such that its content logically duplicates the material in one of the required courses of the student's degree program.

Transfer decisions are made by the Graduate School of Management Faculty as part of the student's program design process. The student will be notified of this decision upon receipt of his official program prior to the first registration.

Thesis Policy

There is no formal thesis requirement for the Master's degree programs of the Graduate School of Management.

Foreign Language and Residency Requirement

The Master's degrees offered by the Graduate School of Management, considered professional degrees, do not require a period of residency, nor is there a foreign language requirement.

Tager Courses

The University of Dallas offers certain graduate management courses on the TAGER TV system. These courses are available to personnel at some twenty (20) local companies in their own TV studios, as well as to students on campus at the University of Dallas, S.M.U., T.C.U., Austin College (Sherman), and a number of other institutions in the Dallas-Fort Worth area. Registration for these

courses is open only to students accepted in the Graduate School of Management. The registration process is the same as for all other courses offered at the University of Dallas.

Course Load

Graduate students are allowed to take up to thirteen (13) graduate hours per semester. (The part time student normally takes six hours per semester.) With proper scheduling, considering the complete offerings of the summer sessions, students pursuing the M.B.A. degree should be able to complete their work within four semesters. Students pursuing the M.S.Q.S. degree should be able to complete their work within three semesters of full-time work.

Time Limit

Except in the case of military service interruption, all students pursuing degrees have five calendar years from the date of initial registration to complete their requirements.

Financial Assistance

The University of Dallas offers several loan programs through which the graduate student may finance his educational costs. These include the National Defense Student Loan Program, Texas Opportunity Grants, United Student Aid Funds, Inc., and the Guaranteed Loan Program. Students seeking loans must apply at least one (1) month prior to the first class of the semester. **Application for loans must be made through the Dean of Students' Office of the University of Dallas.**

In addition to the extensive loan program offered by the University of Dallas, the Braniff Graduate School of Management has a number of tuition grants which are distributed

according to need and prior academic record. These grants are in one of the following categories: Research Assistant, Full-Tuition Grant, Half-Tuition Grant.

Research Assistants are paid a sum of \$300.00 per semester and the full tuition is waived. The Researcher is responsible for a specific staff function within the School of Management and is expected to work at least 20 hours per week. Research assistants are not permitted to hold other part-time employment on or off campus during their period of employment by the school and must pursue at least 9 hours of course work each semester.

Full-tuition grants provide full tuition waiver, but do not include cash payments. Full tuition students are assigned to specific professors for project work. These students are expected to work at least 10 hours per week.

One-half-tuition grants may be provided in special situations where no other means of financial assistance is available. No specific work assignments are given to these individuals.

Students seeking grants must apply at least two (2) months prior to the first class of the semester. **Application for grants must be made through the office of the Dean of the Braniff Graduate School of Management.**

Application Procedure

The actions required of a prospective student seeking admission to any degree program offered by the Braniff Graduate School of Management are as follows:

1. Submit a completed copy of the application form.
2. Submit the application fee of \$10.00. (Checks should be made payable to: The University of Dallas)

3. Instruct all previously attended colleges or universities to submit two (2) copies of each transcript.
4. Submit two (2) letters of recommendation. These are to be submitted directly to the University, and should be written by employment supervisors, academic references, or other persons who can attest to the applicant's ability to do graduate work.
5. Instruct the appropriate testing agency to submit a copy of the applicant's GRE and/or ATGSB scores. If the student indicates on his application that he has not taken either examination he may be admitted under conditional or special status. Each student must submit scores before registering for the 6th graduate course in his program. (For information about these tests write the Educational Testing Service, P. O. 966, Princeton, New Jersey or contact the Graduate Office.)

The deadline for application for any semester is three weeks prior to the first regularly scheduled class meeting as indicated in the School of Management calendar.

Upon receipt of all admission materials as indicated the file will be presented to the weekly Admissions Committee meeting. With the exception of action 5, the Admissions Committee will consider the file only when it is otherwise complete. File completion normally takes about two weeks and the applicant will be notified by mail as to the decision.

Applicants who are admitted will receive a formal letter of admission, a proposed plan of study, and a detailed registration procedure.

Courses in Management

60. Analysis of American Business Systems 3 credits

Required of students who do not possess a basic knowledge of the American business system, its terminology, and operation. The functional areas of finance, production, marketing, and personnel are examined. This course is in the program for foreign students with less than two years of American business experience or education.

61. Decision Mathematics 3 credits

The purpose of this course is to provide preparation in analytical concepts for the student with limited prior training in Mathematics. The material covered includes logic, set theory, algebraic manipulation, inequalities, matrices, linear programming, and integral and differential calculus. Emphasis is placed on algebra and differential calculus.

62. Concepts of Economic Analysis 3 credits

Provides an examination of the basic economic principles and the application of these principles to business problems. The course is designed to stress microeconomic theory. The course is designed for the graduate student not having sufficient undergraduate preparation in economics.

64. Operation Analysis and Simulation 3 credits

Presents the tools of operations research as a part of the management information system. Building on the Probability Theory of the statistics course, the student examines model building, decision theory, and simulation techniques from a

management point of view. The techniques of inventory control, linear programming, queuing theory, markov chains, game theory, and learning curve are examined as decision tools. The concepts of simulation are stressed in each technique area to provide a forecasting model that has practical value.

Prerequisites: Bus. 61 (or at least 12 semester hours of undergraduate math), and Bus. 71.

67. Consumer Behavior 3 credits

An examination of the psychological, sociological, and research concepts applicable to human behavior in the buying process. Topics covered include: motivation, learning, purchase response, group influence, cultural patterns, new product acceptance, advertising, and marketing research techniques. Prerequisite: Bus. 71.

68. Financial Accounting 3 credits

The language of Business is accounting. This course is a study of accounting principles, convention, and the concepts underlying financial reporting. It is designed to introduce the student to the record keeping and reporting phase of the management information system. The course is designed to provide the basics of accounting for students not having prior accounting background.

70. Managerial Accounting 3 credits

The manager's use of accounting as a measuring tool and the design of management information systems. The course presents material on the collection and use of cost accounting data for management planning and control. Topics covered include budgeting, financial analysis, cash

flow, relevant costs, and present value concepts. Prerequisite: Bus. 68 or 6 semester hours of undergraduate accounting.

71. Statistical Analysis 3 credits

A study of statistics as an experimental tool and measuring device in the management information system. Topics covered are research design, probability theory, sampling, central limit theorem, confidence intervals, statistical inference, and multiple regression analysis. Prerequisite: Bus. 61 or 12 semester hours of undergraduate mathematics.

72. The Management of the Quality Function 3 credits

This course initiates an in-depth study of contemporary quality systems management theory. Optimum quality system design in concert with effective product life cycle management concepts is rigorously analyzed.

73. Production Management 3 credits

The application of the fundamental quantitative, behavioral, and environmental tools to the situation of the production manager. This course involves the student in the problem solving environment faced by the production manager through the use of real life team projects. Case studies are an important ingredient of the course, and are designed to provide insight into the complexity of the production system. Prerequisites: Bus. 64 and Bus. 71.

74. Systems Management 3 credits

An examination of classical and contemporary theories of organization. Emphasis is placed upon understanding the business or-

ganization as an open, interactive system. Problems and practices in managing large scale, complex systems and subsystems are analyzed. Prerequisites: Bus. 92 and Bus. 86.

75. Quality Control

Theory II

3 credits

A continuation of Bus. 72, studying the objectives of quality control and the tasks accomplished during the manufacturing, testing and use phases of product development and the reasons for accomplishing these tasks. An analysis of Government, industry and other specifications relating Bus. 72.

77. Monetary and Fiscal

Policy

3 credits

The application of recent developments in macro-economics to the environment of the firm. National income accounting, government economic regulation, and other macro subjects are examined. Prerequisite: Bus. 62 or 6 semester hours of undergraduate economics.

78. Quality System

Effectiveness concepts

3 credits

Major elements of quality system effectiveness are thoroughly examined. Focusing on element interrelatedness optimum quality systems design is stressed. Prerequisite: Bus. 72.

79. Marketing

Management

3 credits

The application of the fundamental, quantitative, behavioral, and environmental tools to the situation of the marketing manager. The student faces real life problems through the use of case studies and participation as a member of a consulting team on

a marketing project with a local firm. Marketing strategy is determined through the use of such tools as advertising, pricing, distribution systems, and market research. Prerequisites: Bus. 67 and Bus. 71.

82. Industrial Economics

3 credits

An analysis of production processes, input costs, and resources as seen from the production point of view. A study of economic concepts as applied by management in the manufacturing process is the general theme of the course.

83. Human Factors in the

Management of the

Product Life Cycle

3 credits

This course presents a study of selected elements of Human Factors and related subsystem safety criteria. Major emphasis is placed on the application of these disciplines to optimum resource allocation.

84. Legal Environment

3 credits

An examination of the legal aspects of business contracts, negotiable instruments, and the commercial code. The course is designed to provide the manager an insight into the legal environment faced by a firm.

85. Consumer and Corporate

Relationships

3 credits

An in-depth study of consumer and company concepts of quality. The product-service concept is stressed through extensive case study of varied institutional and corporate settings.

86. Motivation and Human

Resource Management

3 credits

An in-depth examination of significant philosophies and practices required to manage effectively human resources. Analyzes key

decisions involved in selecting, developing, communicating, stimulating, and committing managers and employees. Prerequisite: Bus. 92.

88. Advanced Production

Management 3 credits

This is the capstone course of the MSIA degree program. Major emphasis is placed on exposing the candidate to the independent decision making environment. Through a program of independent reading, research and analysis, all previous course work is called upon to analyze a complex problem situation. Prerequisites: Bus. 73 and last semester of course work in the MSIA program.

89. Problems in Quality

Systems Management 3 credits

This is the capstone course of the MSQS degree program. Major emphasis is placed on exposing the candidate to the independent decision making environment. Through a program of independent reading, research and analysis all previous course work is called upon to analyze a complex problem situation. Prerequisite: Last semester of course work in the MSQS program.

90. Total Business

Environment 3 credits

The capstone course of the MBA program. All previous course work is called upon to analyze problem situations and make policy decisions. Extensive case studies of a variety of companies and institutions of varying sizes are analyzed. The student's decision making perspective is from the top management or management consultant point of view. Prerequisite: Last semester of course work in MBA program.

91. Financial Management 3 credits

The application of the fundamental quantitative, accounting, and environmental tools to the situation of the financial manager. The student examines the situation faced by the financial manager. Methods of financial planning and control are stressed. Case studies are an integral part of the course. Prerequisite: Bus. 70.

92. Concepts In

Management 3 credits

A study of management theory, philosophy, and practice. Traditional and contemporary approaches to the managerial functions of planning, organizing, directing, and controlling are examined. The student is introduced to case study analysis in this course.

93. Research and Development

Management 3 credits

The application of behavioral and quantitative tools to the special management problems faced in the research and development situation. An analysis of the modern business firm's dependence on the creation of new goods and services and the most effective means of managing this function. Prerequisite: Bus. 92.

94, 95, 96, 97, 98

Field Research 3 credits

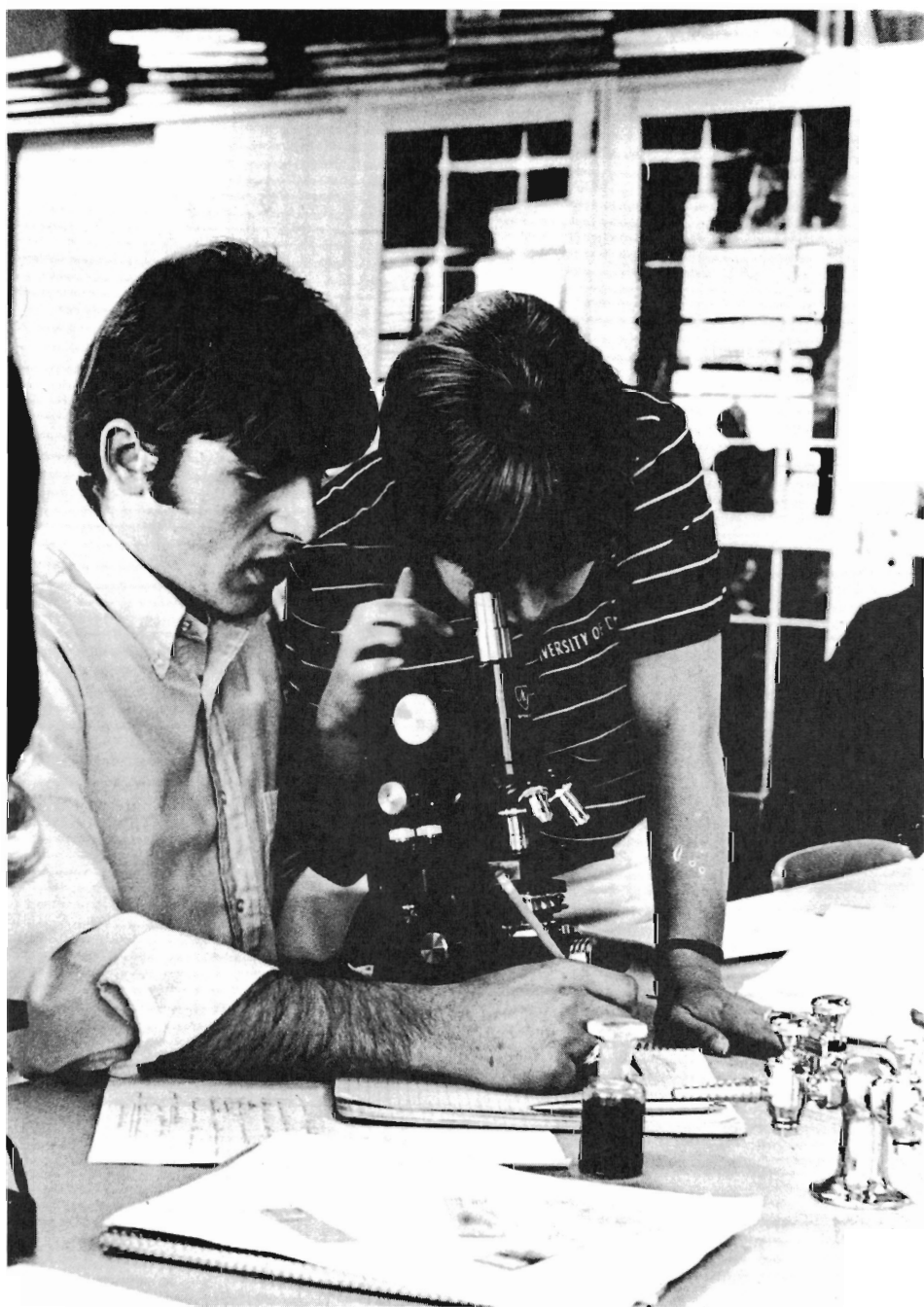
Open to special studies as organized and designed by the School of Management faculty.

99. Graduate Seminar in

Management 1 credit

This course is designed to fulfill the seminar series requirement listed under special requirements of the Graduate School of Management. The course consists of a series of lectures on management as seen from the point of

view of business, government, education, and institutional leaders. Must be taken in the first semester of enrollment by all graduate management students.



Department of Chemistry

*Chairman and Associate Professor Schram;
Associate Professor Jeanes; Assistant Pro-
fessor Simon; Adjunct Professor Smith.*

The Chemistry Department at the University of Dallas is committed to a two-fold approach to the science of chemistry: a philosophical approach which is reflected in an intensive study of basic principles in the classroom, and a practical approach in which laboratory experiments demonstrate the truth and meaning of the principles. Thus, understanding and knowledge reinforce one another so that the study of science becomes an integrated part of the student's intellectual and cultural development.

Chemistry is both a philosophical and a practical discipline. It draws upon other disciplines to expand and coordinate its own knowledge, and in turn it contributes to other disciplines the benefits of its unique view-

points and methods. Thus it becomes an important part of the total educational experience even for those students whose major interest is not in the field of chemistry itself.

For those who intend to major in chemistry, the University of Dallas offers a fully integrated program leading to a bachelor's degree. Throughout the program, the courses stress basic principles, with the deeper emphasis upon understanding rather than upon mere factual knowledge. This approach prepares the student for further studies in graduate school. Also, it fits the student for employment as a professional chemist, should he not continue his education beyond the bachelor's degree.

Basic Program for the Bachelor of Arts Degree

Major in Chemistry

Year I

Chemistry 3	3
Chemistry 3L	1
Mathematics 3	3
English 1	3
History 1	3
Philosophy 1	3
	<hr/>
	16

Chemistry 4	3
Chemistry 4L	1
Mathematics 4	3
English 2	3
History 2	3
Politics 11	3
	<hr/>
	16

Year II

Biology 11	4
Physics 11	4
Mathematics 11	3
English 11	3
Philosophy 11	3
	<hr/>
	17

Chemistry 12	3
Chemistry 11	2
Chemistry 11L	2
Physics 12	4
English 12	3
Theology 11	3
	<hr/>
	17

Year III

Chemistry 21	3
Chemistry 21L	1
Language 11	3
Philosophy 23	3
History 11	3
Elective	3
	<hr/>
	16

Chemistry 22	3
Chemistry 22L	1
History 12	3
Language 12	3
Economics 11	3
Theology 20	3
	<hr/>
	16

Year IV

Chemistry 31	3
Chemistry 31L	1
Chemistry 35	3
Chemistry 35L	1
Chemistry 54	4
Electives	5
	<hr/>
	16
Chemistry 32	3
Chemistry 32L	1
Philosophy Elective	3
Electives	8
	<hr/>
	15

Course requirements for a major in Chemistry:

Chemistry 3, 3L, 4, 4L, 11, 12, 21, 21L, 22, 22L, 31, 31L, 32, 32L, 35, 35L, 54; Biology 11; Mathematics 3, 4, 11; Physics 11, 12.

Chemistry majors must earn a minimum of 59 credits in chemistry, physics, biology, and mathematics courses.

Courses in Chemistry

3. General Chemistry I 3 credits
Basic principles: organic, inorganic, biochemistry. Three lectures each week. Fall.

3L. General Chemistry Laboratory I 1 credit
One three-hour laboratory period weekly. Fall.

4. General Chemistry II 3 credits
Basic laws, principles, and theories relating to changes in the composition of matter together with a presentation of the common metals and nonmetals, their properties correlated by their electronic structure. Three lectures weekly. Spring.

4L. General Chemistry**Laboratory II 1 credit**

Inorganic reactions and chemical equilibrium. Analysis and identification of the most common cations and anions. Two three-hour laboratory periods weekly. Spring.

11. Quantitative Analysis 3 credits

Theory of quantitative chemical analysis. Treatment of data. Gravimetric and volumetric analysis. Two lectures weekly. Prerequisite: Chemistry 4. Spring.

11L. Quantitative Analysis**Laboratory 2 credits**

Practice of quantitative chemical analysis. Two three hour laboratories weekly. Requirement: concurrent enrollment in chemistry 11. Spring.

12. Inorganic Chemistry 3 credits

The atomic nuclei: extranuclear structures and their relation to chemical properties of the atom; descriptive material of the elemental families. Three lectures weekly. Prerequisite: Chemistry 4. Spring.

21-22. Organic Chemistry**I & II 6 credits**

Basic laws, principles, and theories relating to organic chemistry; organic structure, nomenclature, reactions mechanisms, and stereoisomerization. Three lectures weekly. Prerequisite: Chemistry 4. Fall and Spring.

21L-22L. Organic Chemistry**Laboratory I & II 2 credits**

One three-hour laboratory period weekly. Fall and Spring.

27. Inorganic Preparations 2 credits

Theories of inorganic preparations. One lecture, one three-hour laboratory period weekly. Offered when required.

31-32. Physical**Chemistry I & II 6 credits**

Fundamental laws of chemistry and physics as used in predicting and controlling chemical phenomena. Three weekly lectures. Fall and Spring.

31L-32L. Physical Chemistry**Laboratory I & II 2 credits**

One three-hour laboratory per week. Fall and Spring.

35. Biochemistry**(Biology 36) 3 credits**

Chemical processes in living matter: from viruses and bacteria to plants, animals, and man. Three lectures per week. Prerequisite: Chemistry 4, 22. Fall.

35L. Biochemistry**Laboratory 1 credit**

Laboratory experiments in the chemistry of living matter. Fall.

36. Intermediary Bio-**chemistry (Biology 36) 3 credits**

Metabolism of carbohydrates, lipids, amino acids, nucleic acids, vitamins and hormones.

54. Instrumental Chemical**Analysis 4 credits**

Theory and practice in instrumental methods of chemical analysis. Prerequisite: Chemistry 11 and 11L. Fall.

Department of Drama

Chairman and Assistant Professor French; Director of University Theatre and Instructor Kelly; Interdisciplinary Faculty: Associate Professors Egres, Nagy, Novinski; and Assistant Professors Dupree, Manning, and W. Bartscht.

The Study of Drama

Because the theatre is the meeting place for the ritualistic expression of human relationships, the study of theatre as a discipline is nothing less than an examination of the philosophical, political, social, literary and artistic elements involved in the theatre artist's process of explaining man to other men.

Theatre is an encounter between representative man and his community. The study of theatre is, therefore, threefold. It entails a thorough critical understanding of the drama as a literary form, an appreciation of the theatre as a living art, and an intensive training in the theories and practices of dramatic production. The major curriculum at the University of Dallas is integrated through these three considerations with a sequence of courses in dramatic literature, history of the theatre, acting, directing and production, as well as courses pertaining to the student's independent creative work.

The undergraduate program in Drama serves as a foundation for graduate study in Drama, a teaching career in secondary education, professional work in theatre, playwriting,

production in the mass media of radio, television, and cinema, and by proper choice of electives, graduate study in departments of foreign languages, English literature, dramatic literature, journalism or comparative literature.

The University Theatre

The University Theatre is an extra-curricular organization, under the direction of Drama Department faculty, which presents a series of three major productions annually.

While each production's acting company and technical crew is made up of students representing every University program, those pursuing the course of study in drama have found that this opportunity to put their theoretical knowledge into exciting and challenging practice is essential to their growth and development in this field.

The continuing goal of the University Theatre is to provide the people of the University of Dallas with a living repertoire of productions encompassing as many of the major playwrights, forms, and visions of world drama as possible.

Major in Drama

Year I

English 1	3
History 1	3
Language 1	3
Philosophy 1	3
Drama 1	1
Drama 11	3

16

English 2	3
History 2	3
Language 2	3
Politics 11	3
Drama 1	1
Drama 12	3

16

Year II

English 11	3
History 11	3
Language 11	3
Philosophy 11	3
Drama 23	3
Drama 1	1

16

English 12	3
History 12	3
Language 12	3
Theology 11	3
Elective or Economics 11	3

15

Year III

Philosophy 23	3
Science 11	3
Elective or Economics 11	3
Drama 27	3
Advanced Drama Elective	3

15

Theology 20	3
Science 12	3
Drama 28	3
Drama (Advanced)	3
Elective	3

15

Year IV

Philosophy	3
Drama 25	3
Advanced Drama Elective	3
Electives	6

15

Theology	3
Drama 38	3
Drama 30	3
Electives	6
	15

Major in Secondary Education

The Drama Department offers an area of specialization in Drama as a teaching field for those majoring in Secondary Education.

Year I

English 1	3
History 1	3
Language 1	3
Philosophy 1	3
Drama 1	1
Drama 11	3

16

English 2	3
History 2	3
Language 2	3
Economics 11	3
Drama 1	1
Drama 12	3

16

Year II

English 11	3
History 11	3
Language 11	3
Philosophy 11	3
Politics 11	3
Science 11	3

18

English 12	3
History 12	3
Language 12	3
Theology 11	3
Second Teaching Field	3
Science 12	3

18

Year III

Education 28	3
Philosophy 23	3
Drama 23	3
Drama 25	3
Drama 1	1
Second Teaching Field	3

16



Education 21	3
Theology 20	3
Drama 30	3
Drama	3
Second Teaching Field	3-6
	<hr/> 15-18

Year IV

Education (Advanced)	3
Theology	3
Drama 32	3
Second Teaching Field	6-9
	<hr/> 15-18
Education 46	3
Education 48	6-9
Second Teaching Field	3
	<hr/> 12-15

Interdisciplinary Major in Drama and Literature

Through the cooperation of the Departments of Drama and English, the University of Dallas offers a Bachelor of Arts Degree with a combined major program in Drama and Literature.

Requirements for an interdisciplinary major in Drama and Literature
 Drama 11—History of the Theatre I
 Drama 12—History of the Theatre II
 Drama 23—Acting
 Drama 25—Directing

Drama 30—Production and Design
 Techniques and nine credits of upper division Drama courses.

English 23—English Literary History I

English 24—English Literary History II

English 25—American Literary History

English 26—The Novel in England

English 58—Shakespeare

and three credits in upper division English courses.

Major in Drama and Literature

Year I

English 1	3
History 1	3
Language 1	3
Philosophy 1	3
Drama 11	3

15

English 2	3
History 2	3
Language 2	3
Politics 11	3
Drama 12	3

15

Year II

English 11	3
History 11	3
Language 11	3
Philosophy 11	3
Science 11	3

15

English 12	3
History 12	3
Language 12	3
Theology 11	3
Science 12	3

15

Year III

Philosophy 23	3
Economics 11	3
Drama 23	3
Drama 25	3
English 23	3

15

Theology 20	3
Electives	6
Drama 30	3
English 24	3
Drama Elective	3

18

Year IV

Philosophy Elective	3
English 25	3
English 58	3
Drama Elective	3
Electives	6

18

Theology 30	3
English 26	3
English Elective	3
Drama Elective	3
Elective	3
	15

Requirements for a Major in Drama:

Drama 1 (three semesters)
Drama 11, 12, 23, 25, 27, 28, 30, 38, and nine credits of upper-division Drama electives. Advanced foreign language, literature, and art courses dealing with drama, Shakespeare, Design for the Theatre, and French Drama of the Twentieth Century will count toward the fulfillment of this requirement.

Courses in Drama

1. Theatre Arts Workshop 1 credit

A course specially designed for students seeking credit for participating in University Theatre productions. Fall and Spring.

11. History of Theatre I 3 credits

Historical survey correlating theatrical and dramatic history from 550 B. C. to 1660 A. D., including the study of theatre architecture, the development of the actor and his audience, methods of staging and production. Fall.

12. History of Theatre II 3 credits

Continuation of Drama 11, from 1660 to the present. Spring.

22. Playwriting 3 credits

Emphasis on the student's creative work and class criticism; a study of structure, characterization and dialogue coordinated with the student's practical application of these studies in the writing of a one-act play. Fall and Spring.

23. Acting 3 credits

Instruction and practical experience in the various modern and

- historical theories and styles of acting as well as the techniques of concentration, imagination, and observation necessary to the actor's preparation. Fall or Spring.
- 24. Advanced Acting 3 credits**
Advanced study and practical experience in acting. Spring.
- 25. Directing 3 credits**
Analysis and application of the theories and methods of play direction. Prerequisites: Literature of the Theatre I and II. Fall.
- 27. Literature of the Theatre I 3 credits**
A study in the works of the theatre's major authors and dramatic critics from Aeschylus and Aristotle to the English Restoration. Fall.
- 28. Literature of the Theatre II 3 credits**
Continuation of Literature of the Theatre I. Dramatists and critics considered range from the 18th century to the present. Spring.
- 30. Production and Design Techniques 3 credits**
A study of the design and construction of stage costumes, lighting, make-up and scenery culminating in the student's practical application in production work. Prerequisites: Drama 23 and 25. Spring.
- 31. Modern Drama 3 credits**
Analysis of the trends in modern drama since Ibsen. Fall or Spring.
- 32. Educational Theatre 3 credits**
A course in the special problems of the teacher or director of dramatics in an educational situation. Offered as needed.
- 33. Modern Theories of Dramatic Presentation 3 credits**
A seminar tracing the influences shaping the productions of the modern stage; emphasis on the work of such men as the Duke of Saxe Meiningen, Antoine, Brahm, Appia, Craig, Stanislavsky, Reinhardt, Brecht, Artaud, Guthrie. Fall or Spring.
- 35. Experimental Theatre 3 credits**
Practical application of accumulated classroom skills in independent research or creative project. Prerequisite: permission of the instructor. Offered as needed.
- 36. The Theatre of an Era 3 credits**
An intensive study in the significant drama and world wide theatrical practice during a particular historical period, i.e., Ancient Theatre, Renaissance Theatre, Eighteenth Century Theatre, Victorian Theatre, Early 20th Century Theatre, Postwar Theatre, Contemporary Theatre. Offered as needed.
- 37. National Theatre 3 credits**
An intensive consideration of the development of dramatic literature and theatrical practice in one nation throughout its history, i.e., American Theatre, Irish Theatre, Italian Theatre, British Theatre, French Theatre, German Theatre, Russian Theatre, Scandinavian Theatre.
- 38. Departmental Seminar 3 credits**
Independent studies in research, creative writing, and production, serving as final preparation for the comprehensive examination and as a creative culmination of the student's four years of study. Prerequisite: Senior standing. Spring.

Interdisciplinary Curriculum

Art

- 25. Design for the Theatre 2 credits**
Offered when required for interdisciplinary use with the Drama Department.

English

55. Studies in Tragedy

and Comedy

3 credits

A study of the representative works in these two **genres** with readings in the relevant criticism. Not open to students who have taken English 11. Offered as needed.

English

58. Shakespeare

3 credits

A study of several of Shakespeare's comedies, histories, and tragedies in relation to the development of his dramatic art.

French

31. French Drama in the 19th

Century

3 credits

The dramatic literature of Victor Hugo, Alfred de Vigny, Alfred de Musset, etc., with special emphasis on the theory of the romantic drama which opens the doors to the modern drama.

French

34. French Drama in the 20th

Century

3 credits

From the Theatre-Libre through symbolism and classicism to the "theatre of the absurd."

German

33. German Drama

3 credits

Trends and theories from Lessing to Duerrenmatt.



Department of Economics

*Acting Chairman Hipple; Instructor Khaldi;
Adjunct Professor Kochevar..*

Economics is concerned with man's material well-being, but when man is denied those things he requires, an economic problem exists. It is the task of Economics to identify and analyze these problems and to determine the remedies for them. Thus many of the great issues of our time—poverty, inflation, pollution, unemployment, taxes, consumer welfare—are the special concern of Economics.

The identification and analysis of these problems is economic **theory**, while the determination of the remedies is economic **policy**. The Economics Department at the University of Dallas is committed to a balanced approach to these two aspects of the science of Economics. We reject the study of theory for theory's sake, recognizing that the value of theory is to help us to comprehend better

the complexities of reality. We reject the superficial discussion of policy questions, recognizing that a mastery of the pertinent theory is a prerequisite to intelligent policy evaluation.

The following is a basic four year program for students majoring in Economics. All majors must take the five core courses and seven elective courses of their choice. The program offers sufficient flexibility to ideally meet the needs of students who terminate their studies at the undergraduate level, to seek careers in business or government, and also of students who will pursue graduate studies in Economics or professional business fields.

Students not majoring in Economics, but who desire advanced courses beyond Economics 11, may directly enroll in Economics 31 and 32, bypassing the intermediate theory requirements of Economics 22 and 23.

Basic Program for the Bachelor of Arts Degree

Major in Economics

Year I

English 1	3
History 1	3
Language 11	3
Science 11	3
Philosophy 1	3

15

English 2	3
History 2	3
Language 12	3
Science 12	3
Politics 11	3

15

Year II

English 11	3
History 11	3
Philosophy 11	3
Mathematics 3	3
Economics 11	3

15

English 12	3
History 12	3
Theology 11	3
Economics 22	3
Mathematics 4	3

15

Year III

Economics 23	3
Economics elective	3
Economics 27	3
Philosophy 23	3
Elective	3

15

Economics 25	3
Economics electives	6
Theology 20	3
Elective	3

15

Year IV

Economics electives	6
Philosophy elective	3
Electives	6

15

Economics electives	6
Theology elective	3
Electives	6

15

Course Requirements for a Major in Economics:

Economics 11, 22, 23, 25, 27 and seven additional courses selected with the approval of the chairman of the department.

Courses in Economics

11. Fundamental Ideas in

Economics 3 credits

The scope and method of economics. The structure and functioning of the economy of the United States. The use of economics to identify, analyze, and solve economic problems is stressed. Issues covered include inflation, unemployment, poverty, monopolization, consumer welfare, economic development. Fall, spring and summer.

22. Price Theory 3 credits

Supply and demand analysis. The theory of consumer demand. Production theory and cost theory of the firm and industry. Pricing and output under different market structures. Theories of factor price determination and income distribution. Prerequisite: Economics 11. Spring.

23. National Income Theory 3 credits

The measurement of national income and national income accounting. Classical, Keynesian, and post-Keynesian national income models. Introduction to monetary policy and fiscal policy as stabilization instruments. Prerequisite: Economics 11. Fall.

25. History of Economic

Thought 3 credits

A history of economic thought from the earliest times to the early Twentieth Century, with major emphasis on the great economists of the Eighteenth and Nineteenth Centuries. Smith, Malthus, Ricardo, Mill, Marx, Jevons, Marshall, Walras, Keynes. Students read original sources. Prerequisites: Economics 22, 23. Spring.

- 27. Economic Measurement 3 credits**
Introduction to financial accounting. The balance sheet and the income statement. Data sources used in economics. Methods of tabular and graphic presentation. Statistical description and regression and correlation analysis. Use of the electronic computer in modern data handling. Prerequisite: Economics 11. Fall.

NOTE: The following courses require Economics 22 and 23 as a prerequisite. These courses are offered as needed, but not less than once every two years.

- 28. Econometrics 3 credits**
Probability theory, statistical sampling, multiple correlation and multiple regression analysis, hypothesis testing, and confidence measures. Econometric model building and simulation. Students will use the University's computer. Additional prerequisites: Economics 27, Calculus.

- 29. Mathematical Analysis 3 credits**
A mathematical restatement of economic theory for majors considering graduate work in economics. The course also covers selected mathematical techniques used in economic theory. Partial differentiation, multiple integration, difference equations, matrix algebra. Additional prerequisite: Calculus.

- 30. International Economics 3 credits**
The theory of international trade. Balance of payments, exchange rates, and adjustment mechanisms. Tariffs and other controls. Foreign commercial policies of the United States. The functioning of the international monetary system.

- 31. Technology and Society 3 credits**
The economic structure of past societies with emphasis upon the role of technology in shaping those societies. The problems and benefits to present society from current and anticipated technological change. (Open to non-majors with Economics 11 as prerequisite.)

- 32. Comparative Economic Systems 3 credits**
Comparison of the structure and performance of free enterprise and command economies. Marxist and liberal socialist economics. Particular attention is made to the economies of the United States and the Soviet Union. (Open to non-majors with Economics 11 as prerequisite.)

- 33. Urban Economics 3 credits**
Structure and characteristics of modern urban society. Role of locational economics in the life cycle of a city. Current urban problems, policy alternatives and evaluation.

- 34. Industrial Organization 3 credits**
Structure and performance of the American economy. The relationship of private and public sectors of the economy. Evaluation of government regulation of business and antitrust policy.

- 35. Economics of Stability and Development 3 credits**
An advanced theory course covering business cycle theory, growth theory, and welfare theory.

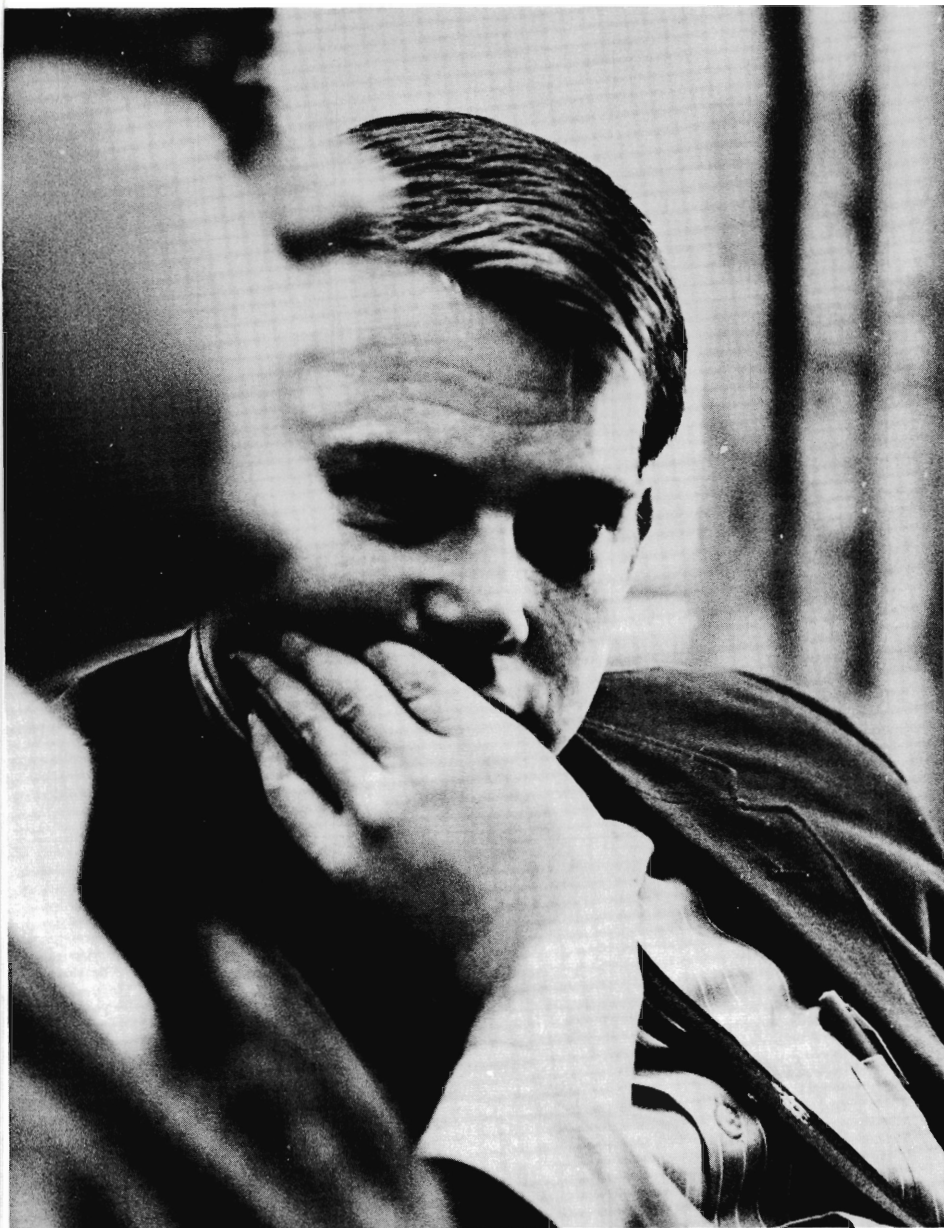
- 36. Wages and Unionism 3 credits**
Labor productivity, unemployment, and wage determination. Role of organized labor. Problems of labor immobility and stratification of opportunity. Government labor policies.

37. Monetary Economics 3 credits

Kinds and functions of money. The banking system and the creation of money. Role of money in determining income and price levels. Monetarist critique of Keynesian income theory. Monetary policy.

38. Government Finance 3 credits

Determination of optimal levels of government activities and expenditures. Evaluation of income and payroll taxation, general and selective sales taxation, and wealth and transfers-of-wealth taxation. Fiscal policy. Economic impact of public debt.



Department of Education

Chairman and Professor Teller; Adjunct Professors McCuptin and Trager; Assistant Professors Brown and Cumiskey; Instructors Flemmons and Hennessey.

Specific Requirements for Candidates Seeking Teaching Certificates

Teacher education demands not only sound academic but also strong professional preparation. The objectives of this professional preparation vary slightly from one program to another. Basically, this sequence is designed to help each prospective teacher relate his specialization to the general objectives of elementary and secondary education and to the objectives of other curricular specializations. Opportunities are provided to help the prospective teacher develop professional attitudes and to gain an understanding of public education in the broad sense.

Also, psychological concepts relating the nature of the student and principles of learning are stressed; the various facets of the development of the student are also considered in relation to learning. Various methods and techniques of teaching are studied and evaluated in class; these are tried in the period of directed teaching under the guidance of experienced cooperating teachers in accredited schools.

Briefly, then, the objective of the program is to help prospective teachers to become responsible, articulate teachers with strong academic preparation, professional attitudes, and a level of competence that meets the demands of the classroom.

The courses offered in the Department of Education are planned within the objectives of the University of Dallas to meet standards for teacher education and certification established by the Texas Education Agency.

Three certification programs are offered: Secondary Education, grades seven through twelve; Elementary Education, grades one through eight; and Art Education, all grades. Each program leads to the Provisional Certificate, which is valid for life and entitles the holder to teach in public or private schools in Texas on the level of his specialization.

Any student interested in teaching in another state should make this known to his advisor no later than the end of the freshman year so that adjustments can be made.

Comprehensive Examinations

Degree candidates seeking certificate recommendations must achieve satisfactory scores in the National Teacher examinations. Those who score below the cut-off point must submit to a professional examination prepared, supervised, and scored by a faculty committee selected from members of the Department of Education.

Academic Specializations

Elementary 36 credits

Current specializations available are: Art, English, French, History, Mathematics, and Spanish. Other specializations are being developed. A minimum of twenty-four credits is required in the specialization selected. Twelve of these must be advanced credits. All elementary majors must also complete successfully Art 27, Music 29, and six credits in non-Education courses outside the specialization selected.

Secondary 48 credits

Plan I — Preparation to Teach Two Fields. Twenty-four credits, including twelve advanced credits, constitute the minimum requirements in each of the subjects selected. The available areas of specialization are: Biology, Chemistry, Drama, English, French, German, History, Mathematics, Physics, and Spanish.

Plan II — Preparation to Teach Related Fields. Social Studies (History, Politics, Economics, Sociology, and Psychology) is the only composite related field available at present. Forty-eight credits, eighteen advanced, constitute the minimum requirement under this plan.

Art Education 48 Credits

Prospective teachers of art, all grades, must take forty-eight credits in Art, eighteen advanced.

Professional Education

Elementary 30 credits

Education 21, 23, 24, 25, 26, 27, 43, 47, and one advanced elective in Education.

Secondary 18 credits

Education 21, 28, 46, 48, and one advanced elective in Education.

Art Education 18 credits

Education 21, 27, 28, 46, and 49.

Electives

Each prospective teacher will take a minimum of six credits in elective courses.

Directed Teaching

Successful completion of directed teaching is a degree requirement for all majors in education and non-education majors who desire certification. It may be taken only in the senior year. Application should be filed with the Director of Student Teaching no later than the middle of the semester immediately prior to the desired assignment. Approval will be restricted to students with the following qualifications:

1. Completion of at least nine hours of course work at the University of Dallas.
2. A quality point average of 2.0 overall and 2.5 in the academic specialization courses and Education courses.
3. Completion of at least three-fourths of the content requirements and six hours in professional courses.
4. Acceptable recommendations by subject and Education advisors and teachers in confidential ratings forwarded to the Director of Student Teaching.
5. A reasonable academic load, and the same three hours free each day throughout the semester. Students free from classes during the day may complete their directed teaching in eight weeks of full-time observation and participation.
6. Submission of a physician's statement attesting to adequate health (including results of a chest x-ray) and physical adequacy.

Basic Program for the Bachelor of Arts Degree

Major in Elementary Education

Year I

English 1	3
History 1	3
Language 11	3
Art, Drama, Mathematics	3
Philosophy 1	3

15

English 2	3
History 2	3
Language 12	3
Art, Drama, Mathematics	3
Politics 11	3

15

Year II

Economics 11	3
English 11	3
History 11	3
Science 11	3
Philosophy 11	3

15

Elective	3
English 12	3
History 12	3
Science 12	3
Theology 11	3

15

Year III

Academic Specialization*	3
Art 27	3
Education 23	3
Education 27	3
Philosophy 23	3

15

Academic Specialization*	3
Education 21	3
Education 24	3
Education 25	3
Theology 20	3

15

Major in Secondary Education

Year I

English 1	3
History 1	3
Language 11	3
Art, Drama, Mathematics	3
Politics 11	3

15

English 2	3
History 2	3
Language 12	3
Art, Drama, Mathematics	3
Philosophy 1	3

15

Year II

Elective	3
English 11	3
History 11	3
Science 11	3
Philosophy 11	3

15

Economics 11	3
English 12	3
History 12	3
Science 12	3
Theology 11	3

15

Year III

Academic Specialization*	12
Philosophy 23	3

15

Academic Specialization*	6
Education 21	3
Theology 20	3
Education 28	3

15

Major in Elementary Education

Year IV

Academic Specialization*	3
Education 26	3
Education 43	3
Music 29	3
Theology elective	3
	<hr/>
	15

Elective	3
Academic Specialization*	3
Advanced Education Elective	3
Education 47	6
	<hr/>
	15

Major in Secondary Education

Year IV

Education 46	3
Academic Specialization*	6
Advanced Education Elective	3
Theology	3
	<hr/>
	15

Academic Specialization*	6
Elective	3
Education 48	6
	<hr/>
	15

Appropriate courses for subject matter teaching fields.

Art: See Art listing

Biology: 11, 12, 25, 26, 27, 31, 2 electives

Chemistry: 3, 4, 11, 12, 21, 22, 31, 32

Drama: See Drama listing

English: 1, 2, 11, 12, 23, 24, 25, 54

French: 11, 12, 21, 22, 23, 24, 36, elective

German: 11, 12, 21, 22, 23, 27, 36, elective

Mathematics: 3, 4, 10, 11, 12, 20, 21, 32, 33

Physics: 11, 12, 21a, 21b, 22a, 22b, 2 electives

Spanish: 11, 12, 21, 22, 23, 25, 27, 36

Residence Requirement

No candidate will be recommended for certification unless he has completed at the University of Dallas the equivalent of one semester's work at a satisfactory level.

Courses in Education

21. Philosophy of Education (Philosophy 21) 3 credits

Philosophical thought and its effect on educational planning, curricula, and methodology. Prerequisite: Philosophy 23. Spring.

23. The Teaching of Reading in the Elementary School 3 credits

A comprehensive study of the teaching of reading: readiness, word-recognition techniques, comprehension skills, appraisal of individual reading abilities and contemporary methods of teaching. The teaching of spelling and handwriting. Fall

24. Children's Literature 3 credits

Designed especially to assist elementary teachers and librarians in evaluation and selection of books for the young reader. Spring.

25. Mathematics in the Elementary School 3 credits

A thorough review of the fundamentals of mathematics and a comprehensive study of methods of presenting the concepts in a meaningful way; a study of number systems and their historical aspects. Spring.

26. Science in the Elementary School 3 credits

A course designed to present the why, what, and how of elementary science for grades 1 through 8, leading the student to develop his own theories of instruction based on concepts of the major divisions of science. Prerequisite: 6 hours of science. Fall.

- 27. Child Growth and Development 3 credits**
The physical, mental, social, emotional, and spiritual growth of the child from infancy to adolescence; the adjustment of education to differing growth patterns. Fall.
- 28. Psychology of Adolescence 3 credits**
The development of the individual through adolescence; social forces affecting the adolescent; personality adjustments. Spring.
- 29. Music for the Elementary School Teacher 3 credits**
Singing and rhythm activities, creative playing, instrumental work, notation, listening and correlation. Spring.
- 30. Measurement and Evaluation 3 credits**
Analysis of a wide variety of measurement techniques and tools. Fall, odd numbered years.
- 36. Abnormal Psychology 3 credits**
A study of current psychological practices in diagnosis, treatment, and prevention of mental illness including such clinical syndromes as mental retardation, character disorders, stress reactions, and neuroses. Spring, even numbered years.
- 38. History of Western Education 3 credits**
A study of the development of education and its relationship to the intellectual, social, political, and economic movements of western civilization. Fall, even numbered years.
- 43. Methods of Elementary Education 3 credits**
A simulated classroom experience involving the student teacher in problem solving experiences of student behavior, parent relations, curriculum planning, teaching methodology, classroom management, and evaluations of learning. Fall.
- 46. Methods of Secondary Education 3 credits**
A simulated classroom experience involving the student teacher in problem solving experiences of student behavior, parent relations, curriculum planning, teaching methodology, classroom management, and evaluations of learning. Fall.
- 47. Elementary School Directed Teaching 6 credits**
Observation and participation in accredited public or private elementary schools under cooperative supervision; half-day experiences for sixteen weeks or full-day experiences for eight weeks. Fall and Spring.
- 48. Secondary School Directed Teaching 6 credits**
Observation and participation in accredited public or private secondary schools under cooperative supervision; half-day experiences for sixteen weeks or full-day experiences for eight weeks. Fall and Spring.
- 49. All Grades Directed Teaching 6 credits**
Observation and participation in accredited public or private elementary and secondary schools. Half-day experiences for sixteen weeks or full day experiences for eight weeks, approximately half of which time must be spent on each level. Fall and Spring.
- 50. Research in Elementary or Secondary Education 3-6 credits**
Advanced treatment of selected topics through individual research. Fall and Spring.

54. Introductory Linguistics 3 credits

A systematic study of the structure of English grammar with implications for elementary and secondary school teachers. The nature of language, phonology, morphology and syntax, structural and transformational, of English. Social dialects and language learning. Spring.

55. Introduction to Guidance and Counseling 3 credits

Basic principles and trends; guidance services at work; the role of the counselor; basic techniques. Spring.



Requirements for the Master of Arts in Education:

The Masters of Arts degree in Education offered by the Braniff Graduate School is a professional degree. It certifies that the holder is qualified to teach a discipline in a secondary school at a level of competence higher than that attested by the baccalaureate degree which is prerequisite. It indicates additional mastery of the discipline as well as a deeper understanding of the problems involved in learning it.

The curriculum requires additional study of a discipline as well as an advanced study of the philosophy, science, and art of education. At present, the degree is offered in **art education, English education, physics education and government education**. Additional specializations will be added as graduate programs in other disciplines are developed.

A student is admitted to formal candidacy for the degree after the successful completion of nine credits. Upon admission to candidacy, a committee of two graduate advisors from education and the discipline area is assigned to direct the student in his program of studies.

The advisors determine the student's adequacy of preparation for the interdepartmental comprehensive examination. A candidate can reasonably expect to become eligible for the comprehensive examination in two semesters of full time concentrated work or its equivalent in part time study. Completion of the thesis will usually extend into a third semester.

Course requirements for the M.A. in Education are: Education 68-69 and 88-89 and 24 semester hours of courses numbered 50 or above in subject discipline as approved by his advisory committee.

Students who hold the Texas Provisional Certificate and who have taught for three years in a Secondary School will qualify for the Texas **Professional** Certificate upon receiving the M.A. degree in Education.

Project Accept

The Education Department also makes available an internship program leading to provisional certification for students who wish to become qualified to teach at the secondary level but who did not complete certification during their undergraduate studies. In order to qualify for this 12 credit program, for which graduate credit is given, the student must have completed his undergraduate degree three years prior to entrance. Courses in the program are Education 68-69 and 78-79. For further information and evaluation of credentials contact the Education Department.

Graduate Courses in Education

68-69. Seminar in Secondary Education 6 credits

An integrated and correlated treatment in depth of the history, philosophy, and teaching principles of secondary education to meet the needs of teachers or teaching interns in one of the following areas:

- Fine Arts
- English Language-Literature
- Foreign Language-Literature
- Mathematics
- Physical-Biological Sciences
- Social Studies

Fall and Spring.

78-79. Internship in

Secondary Education 6 credits

A full-time, salaried teaching experience in an area high school under the supervision of a University of Dallas professor and the Department of Education in one of these areas:

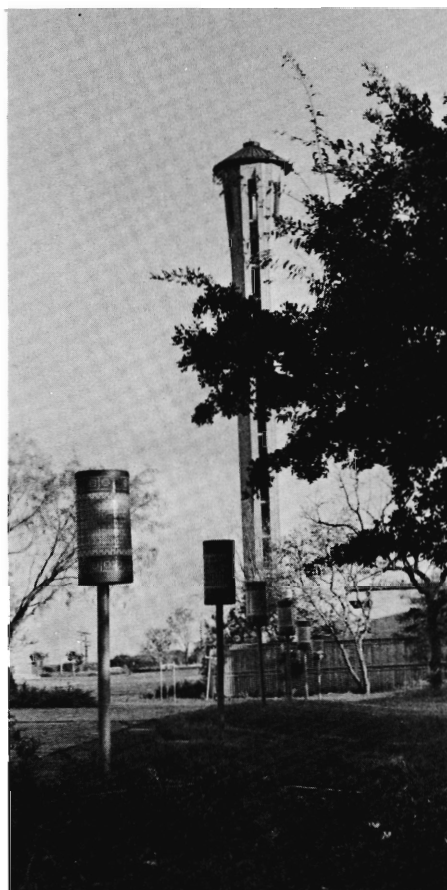
- Fine Arts
- English Language-Literature
- Foreign Language-Literature
- Mathematics
- Physical-Biological Sciences
- Social Studies

Fall and Spring.

88-89. Thesis Research in

Secondary Education 6 credits

Fall and Spring.



Department of English Language and Literature

Chairman and Associate Professor Bradford; Professor Cowan; Associate Professor Curtsinger; Assistant Professors Begnaud, Dupree, Faget, Landess, Manning, and Trippet; Adjunct Professor Brewton.

The Study of the Classics

The English Department assumes that, since the entering freshman has already studied several years of formal grammar, he is ready for work worthy of the maturity of a university student. To such an end, the department requires each student, whatever his major, to study the classics for two years in a course titled **The Literary Tradition**. He must write a paper each week during his first year and several longer papers during both semesters of the second year. He pursues related themes throughout his readings, tying them in with his other studies; literature thus becomes a true medium for the student's maturing knowledge of himself and his culture. The sharing of the past can be as rewarding as discoveries of the future. People and times change, but man's vision of himself in art and literature retains its fascination century after century.

Students at the University of Dallas are given a unique opportunity to make this discovery for themselves in a two-year program of literary studies, taken by all B.A. candidates, which immerses them in the greatest works of the past and present. But

even more important, they are brought to an understanding of themselves and their own times by experiencing the many-faceted image of man and his relations to the world. In this program students can find a common ground for a shared intellectual exploration of meaningful insights into the nature of man, whether he be viewed as angel or beast, or as essentially heroic, tragic, or comic. By feeling and knowing the presence of the past and its invisible participation, through traditions, myths, and language, in our everyday lives, the student gains a sense of literature which takes him beyond the printed page into the ways of the world, into the greatest minds which have preceded him, and into the future which he faces.

All students at the University of Dallas have been, by the end of their second year, introduced to the major literary genres, to epic, lyric, tragedy, and comedy, and to the various combinations of them in the modern novel. Ranging from the Greeks to very contemporary works, the course titled "The Literary Tradition" makes all students at the University conversant with literature on a sophisticated level.

The Major Program

A student who decides to major in English, will develop a more scholarly, more searching and more responsible concern for the body of literature than he experienced in the first two exploratory years. He will undertake a thoroughgoing survey of British literature in a tightly constructed sequence of courses, erecting an historical structure into which the minor writers as well as the great ones are fitted. He will study American literature likewise in its historical context, give close attention to the English novel, and become acquainted with the theory and practice of literary criticism. He may elect courses in Shakespeare, modern drama, modern poetry, the modern American novel, the Russian novel, or creative writing; but, in any event, his reading will be comprehensive and thorough; in his senior year he will be required to pass a five-hour written examination over a list of literary works covered in his four years of study at the University. A critical project in the study of a poet during his junior year and a more detailed and mature study of a literary theme or movement during his senior year will culminate in oral examinations before the faculty of the English Department. The final senior course required of each student—a research seminar—will provide him with a mastery of the tools of literary scholarship. He will be adequately prepared for graduate study and will be in a favorable position to obtain a fellowship or scholarship to graduate school if he desires to continue his work.

Campus Activities

Since the University of Dallas intends to educate the student as a member of society rather than as a technician, the extracurricular cam-

pus life is arranged to familiarize him with the various arts. Open to him are exhibitions by resident sculptors and painters, performances by resident musicians, some avant garde and classical theatre in drama performances, lectures, and a film series. The student argues the relation of the arts to society in various discussions.

The English Department sponsors a literary journal, **Screed**.

The University year book, **The Crusader**, and the campus newspaper, **Outgribe**, offer further opportunity for writing. Several smaller groups enable the English major to engage in an active expression of his ideas and talents.

Basic Program for the Bachelor of Arts Degree

Major in English

Year I

Art, Drama or Math	3
English 1	3
History 1	3
Language 11	3
Philosophy 1	3
	<hr/> 15

Art, Drama or Math	3
English 2	3
History 2	3
Language 12	3
Politics 11	3
	<hr/> 15

Year II

Economics 11	3
English 11	3
History 11	3
Philosophy 11	3
Science 11	3
	<hr/> 15

English 12	3
History 12	3
Elective	3
Science 12	3
Theology 11	3
	<hr/> 15

Year III

English 23	3
English 25	3
Philosophy 23	3
Elective	6
	<hr/> 15

English 24	3
English 26	3
Theology 20	3
Electives	6
	<hr/> 15

Year IV

English 53	3
English 41	3
Theology	3
Electives	6
	<hr/> 15

English 59	3
English elective	3
Philosophy elective	3
Electives	6
	<hr/> 15

Course requirements for a major in English: English 23, 24, 25, 26, 41, 53, 59, and one elective in courses numbered 33 and above. Upon approval by the English Department a student may take certain upper division courses in Drama to fulfill the English elective requirement.

Courses in English

1. The Literary Tradition 3 credits

Studies in the epic: the complete **Iliad, Odyssey, Aeneid, Beowulf**, and selections of **King Arthur and His Knights**; the understanding of poetry and literary terms; readings in an anthology of short poems; composition and rhetoric; writing the analysis, the short critical essay, the review. Fall.

2. The Literary Tradition II 3 credits

Continuation of the analysis of the epic genre: **The Divine Comedy, Paradise Lost, The Rape of the Lock, The Waste Land**; further studies in lyric poetry; writing the review, the critical analysis, the research paper. Spring.

11. The Literary Tradition III 3 credits

Elements of tragedy and comedy as genre; readings in the Greek dramatists, the Elizabethans, and modern European and American playwrights; writing the critical essay, the research paper. Fall.

12. The Literary Tradition IV 3 credits

Elements of fiction, with a consideration of fiction as a vehicle for the genres; readings in nineteenth and twentieth-century novels and short stories; writing the review, the critical article, the short story. Spring.

23. English Literary**History 1 3 credits**

A study of the major trends in English literature to the Restoration, with emphasis on the vision and generic approach of individual writers, literary themes and cultural milieu of the various periods. Fall.

24. English Literary**History II 3 credits**

A continuation of English 23, covering English literature from the Restoration to the twentieth century, with continued emphasis on the writer's vision, literary themes, genres, and cultural background. Spring.

25. American Literary**History 3 credits**

Major American poets and prose writers from the beginnings to the present day. Fall.

26. The Novel In England 3 credits

A study of the development of the British novel. Spring.

33. The Age of Chaucer 3 credits**35. The Age of Spenser 3 credits****37. The Age of Milton 3 credits****38. The Age of Pope 3 credits****39. The Age of Wordsworth 3 credits****40. The Age of Tennyson 3 credits****41. The Age of Eliot 3 credits****45. Old Testament****Literature 3 credits**

An overview of Law, Prophets and writings, with special attention to biblical themes and their development through various genres. Fall

46. New Testament**Literature 3 credits**

An examination of some major Biblical themes as seen in the life and teaching of Christ and in the experience of the Christian community. Special attention is focused upon the meaning of point of view, the techniques of lyric, and other literary devices. Spring.

51. The Russian Novel 3 credits

Readings and analysis in nineteenth-century Russian novels, beginning with Gogol, continuing through Turgenev, Dostoevsky, and Tolstoy, and ending with Chekhov. Offered as needed.

52. Menippean Satire 3 credits

Studies in comic narrative from classical times to the present. Offered as needed.

53. Literary Criticism 3 credits

A study of the principles governing the study of literature, with selected readings in the documents of literary criticism; application of literary theory to actual works in practical criticism. Fall.

54. Introductory**Linguistics 3 credits**

A systematic study of the structure of English grammar. The nature of language and the phonology, morphology, syntax, and structural and transformational grammar of English. Fall.

55. Studies in Tragedy and Comedy 3 credits

A study of the representative works in these two genres with readings in the relevant criticism. Not open to students who have taken English 11. Fall.

56. Studies in the Epic 3 credits

A study in the important epics of the Western world along with readings in the theory of the epic. Not open to students who have taken English 1-2. Spring.

57. Special Studies 1 3 credits

An examination of an author, problem, or topic on a level more intensive than is afforded in most undergraduate courses. Offered as needed.

58. Shakespeare 3 credits

A study of several of Shakespeare's comedies, histories, and tragedies in relation to the development of his dramatic art. Spring.

59. Research Seminar 3 credits

An exhaustive study of a single literary topic involving both primary and secondary materials, and culminating in a thesis given in public address. Spring.



Requirements for the Master of Arts in English

The Master of Arts degree in English, offered in the Braniff Graduate School, is conceived of as a professional degree. It is an attestation that the holder has the competence needed to teach literature effectively at the undergraduate level, to pursue doctoral study, or to practice as a person of letters. It is mastery of a whole discipline, not specialization in one aspect of it, that qualifies a person to profess literature. The Master's degree, then, is oriented toward the broad profession of letters.

Competency in this profession of letters is gained in a year or more of intensive study and apprenticeship to the discipline of literature. Although familiarity with the scope of English and American literature is demanded and ability in the scholarly and communicative apparatus is expected, what distinguishes the M. A. program at the University of Dallas is its concentration on a critical mastery of the "literary tradition" — that living body of great European and American works that provides the norms for literary judgment.

A student is admitted to formal candidacy for the degree after the successful completion of nine credits. At that time a graduate advisor is assigned to direct him in his program of studies.

The advisor also determines the student's adequacy of preparation for the departmental comprehensive examination. A candidate can reasonably expect to become eligible for the comprehensive examination in a regular academic year of concentrated work if no other obligations are undertaken. Completion of the thesis will most likely extend into the summer.

Course requirements for the M.A.

in English are: English 78, 79, and eight other courses numbered 51 and above, of which four must be numbered above 60.

Graduate Courses in English

- 63. Chaucer and the Middle Ages** **3 credits**
A study of the *Troilus and Criseyde* and *The Canterbury Tales* with emphasis on the critical problems in medieval literature.
- 65. The Renaissance** **3 credits**
Theories of the Renaissance and its relation to medieval and classical backgrounds. The Renaissance in England.
- 67. Milton and His Contemporaries** **3 credits**
The writings of Milton, seen as part of a movement which includes Vaughan, Marvell, Traherne, Walton, Bunyan, and Taylor.
- 68. Augustan Satire** **3 credits**
The satires of Dryden, Swift, Pope, Gay, and Johnson as part of the "Augustan myth" of political, social, and moral order.
- 69. Romanticism** **3 credits**
A critical study of the major Romantic poets and their vision of the creative mind.
- 70. Victorians and the Age of Doubt** **3 credits**
The problems of faith, order, and art as they were confronted by the major poets and prose writers of the later nineteenth century.
- 71. Joyce and the Modern Temper** **3 credits**
A reading of all of Joyce's works in relation to the development of twentieth-century literature.

72. The Literature of New England **3 credits**
The Calvinist world view and its impact on American poets and novelists.

73. Faulkner and the Southern Tradition **3 credits**
The novels of Faulkner and the Southern literary renaissance.

75. Literary Criticism **3 credits**
The important documents in European and American criticism, culminating in a mastery of the work of one important critic.

76. Comedy **3 credits**
The patterns and devices manifested in the comic vision from

Aristophanes to the theater of the absurd.

77. Special Studies **3 credits**
Readings in a literary period, figure, or critical problem.

78. Thesis Research I **3 credits**

79. Thesis Research II **3 credits**



Department of Foreign Languages

Chairman and Associate Professor Cazorla; Associate Professors Egres, Nagy, Pond, Zimanyi; Assistant Professor Bartscht; Lecturers Lass, Csizmazia, Jasin, and Meyers.

"The widening use of English in many parts of the world and the successful experiences of some Americans who live and work in other countries without knowing local languages, cannot blind us to the crucial inadequacy of overall American competence in foreign languages. Fortunately, recognition is growing that the teaching of foreign languages needs to be further extended and made more effective."

This critical appraisal of American competence in foreign languages was made by **The Ford Foundation's Committee on the University and World Affairs** emphasizing the ancient lesson that scholarship cannot pretend to universals while failing to encompass the experience of man in his multitude of cultures.

The University of Dallas, being an institution pursuing the universal values of a liberal education, relates its language requirements to the objectives of such an educational program which proposes to acquaint the student with all the major categories of intellectual activity. Therefore, the Department emphasizes the humanistic values of language studies; it gives the student an experience which can be gathered in no other way by giving him the opportunity to see his own national culture through the

ethical and aesthetical norms and values of another nation's culture.

The strongest argument in favor of the study of a foreign language is to be found in its cultural benefit, but it also can be considered a "useful" subject. Many language majors plan to teach; many find use for their language knowledge in other careers. When a few years ago the Federal Government became alarmed about the language deficiencies of its foreign service officers, it decided that something drastic had to be done about language teaching. The result was that in the **National Defense Education Act**, approved by Congress in 1958, languages were classed with mathematics and the sciences as vital to our national defense.

The University of Dallas expects the successful completion of a language course numbered 12 or above of all students. The study of a foreign language, as well as of the people who produced it, will aid the student in the freshman and sophomore years to develop progressively the ability to read the language and to understand it when spoken; this lays the foundation for further attainments such as the active use of the language and the appreciation of its cultural achievements in more advanced courses.

Basic Program for the Bachelor of Arts Degree

Major in a Foreign Language

Year I

Art, Drama, or Mathematics	3
English 1	3
History 1	3
Language 11	3
Philosophy 1	3
	<hr/> 15
Art, Drama, or Mathematics	3
English 2	3
History 2	3
Language 12	3
Politics 11	3
	<hr/> 15

Year II

English 11	3
History 11	3
Philosophy 11	3
Language	3
Science 11	3
	<hr/> 15
Language	3
English 12	3
History 12	3
Science 12	3
Theology 11	3
	<hr/> 15

Year III

Major language	6
Philosophy 23	3
Second language	3
Economics 11	3
	<hr/> 15
Major language	6
Theology 20	3
Second language	3
Electives	3
	<hr/> 15

Year IV

Major language	6
Theology	3
Electives	6
	<hr/> 15
Major language	6
Philosophy elective	3
Electives	6
	<hr/> 15

Course Requirements for a Major in Foreign Languages:

French, German, or Spanish 21-22 plus 18 credits in 20 level courses in the same language; a second language, French, German, or Spanish of, at least, level 12, German 25, Introduction to Comparative Philology, is strongly recommended for all language majors, and counts toward fulfillment of the major requirements in French and Spanish as well as German. Recommended electives for German majors are History 31 and 32 and Art 11 and 12.

Courses in French

1-2. Elementary French 6 credits

The basic structure and grammar of the language; elementary reading, idiomatic translations from English to French and conversation; intensive use of the language laboratory. A cultural approach. Fall and Spring.

11-12. Intermediate French 6 credits

Review of grammar; study of syntax and idioms; composition and conversation; extensive reading of French classical prose and poetry. Fall and Spring.

All upper-division courses are given in French.

21-22. Introduction to French

Literature 6 credits

From the 10th through 20th centuries. Masterpieces of the Middle Ages, the French Renaissance, and Classicism; the philosophical thought of the eighteenth century; romanticism, realism, and symbolism; trends in our century. Fall and Spring.

23-24. Advanced French

Grammar 6 credits

Conversation and composition with special emphasis on grammatical and sentence analyses

as well as on **explication de texte**.
Prerequisite: French 12. Fall and Spring.

25. French Literature in the 17th Century 3 credits

The development of French Classicism in poetry, drama and prose. This course is designed to bring the student a deep knowledge of what constitutes the eminence of Louis XIV Century in art in general, and literature in particular.

26. French Literature in the 19th Century 3 credits

From the revolution of the Romantic school through Realism to Naturalism.

27. French Literature in the 20th Century 3 credits

Development of French Poetry from Baudelaire through symbolism to the present day. Main trends in the novel and the theatre. Existentialism and literature.

31. French Drama in the 19th Century 3 credits

The dramatic literature of Victor Hugo, Alfred de Vigny, Alfred de Musset, etc., with special emphasis on the theory of the romantic drama which opens the doors to the modern drama.

32. Modern French Poetry 3 credits

From Baudelaire through symbolism and surrealism to the present.

33. Contemporary French Novel 3 credits

From Gide and Proust to Sartre and Camus.

34. French Drama in the 20th Century 3 credits

From the Theatre-Libre through symbolism and classicism to the "theatre of the absurd."

35. French Literature in the 18th Century 3 credits

From Gil Blas through the "Philosophies" and the writing which accompanied the Revolution, with special emphasis on the ideas leading to the Revolution of 1789.

36. Language Pedagogy 3 credits

An integrated approach to language teaching in the elementary and secondary schools. Designed for all language and education majors.

Courses in German

1-2. Elementary German 6 credits

Essentials of German; functional grammar and basic patterns of conversation. Reading of easy prose and poetry devoted to analysis of comprehension. First contact with German culture. Fall and Spring.

11-12. Intermediate German 6 credits

Brief review of major structural elements. Oral practice of vocabulary, idiomatic usages to facilitate the writing and speaking of basic German. Analytic reading of moderately difficult prose and poetry. Prerequisite: German 2 or two years of German in high school. Fall and Spring.

All upper-division courses are given in German.

21. A Survey of German Literature from 800 to 1800 3 credits

From the earliest documents of the Carolingian Era to the Age of Goethe, with emphasis on courtly poetry, medieval epics, Baroque literature, and Classicism. The origins and development of German poetry, drama, and prose. Offered as needed.

- 22. Introduction to Modern German Literature 3 credits**
The evolution of modern literature, from the concepts of the Romantic School, through Realism, Naturalism, Expressionism, to contemporary trends. Offered as needed.
- 23. Advanced Spoken and Written German. 3 credits**
Expansion of vocabulary and flexibility of expression are gained through informal conversation and written composition; based on a variety of texts, including news media. Fall.
- 25. Introduction to Comparative Philology 3 credits**
The Indo-European languages; origins of grammar, historical development. Designed for all language majors. Prerequisite: French, German, or Spanish 12. Spring.
- 27. German Classicism 3 credits**
Emphasis on Goethe and Schiller. Fall.
- 28. 19th Century German Literature after Goethe 3 credits**
From romanticism to naturalism and Nietzsche. Fall.
- 29. 20th Century German Literature 3 credits**
New ways in poetry, the novel, and drama, with emphasis on the development since 1945. Spring.
- 31. German Poetry 3 credits**
From Vogelweide to Enzensberger with an introduction to poetic forms and theories. Spring.
- 32. German Prose 3 credits**
Criticism and interpretation of representative prose works.
- 33. German Drama 3 credits**
Trends and theories from Lessing to Duerrenmatt.

- 36. Language Pedagogy 3 credits**
An integrated approach to language teaching in the elementary and secondary schools. Designed for all language and education majors.

Courses in Greek

- 1-2. Elementary Greek 4 credits**
Greek grammar and syntax with some emphasis on the historical backgrounds of the language and the principles of word-formation. Reading of simple texts. Fall and Spring.
- 11-12. Intermediate Greek 4 credits**
More advanced work in language, including translation, and readings from Greek authors. Fall and Spring.

Courses in Latin

- 1-2. Elementary Latin 6 credits**
Latin grammar and syntax with some emphasis on the historical backgrounds of the language and the principles of word-formation. Reading of simple texts. Fall and Spring.
- 11. Readings in Latin Prose 3 credits**
Historical Writers; Genre of Letter-Writing; Latin Oratory. Fall.
- 12. Readings in Latin Poetry 3 credits**
Lyric; Satirical; Epic. Spring.
- 21. Cicero's De Officiis. 3 credits**
A thorough study of Cicero's philosophy and ethics.
- 22. Ecclesiastical Latin. 3 credits**
A study of Christian prose and poetry from Saint Augustine through Saint Thomas Aquinas to the Renaissance.

Courses in Spanish

1-2. Elementary Spanish 6 credits

The basic essentials of Spanish grammar; vocabulary building; idiomatic translations from Spanish to English, and English to Spanish; reading of easy prose and poetry; intense work in the language laboratory to aid aural comprehension and oral expression. Fall and Spring.

11-12. Intermediate

Spanish 6 credits

Review of the basic structure of the language; intensive reading to give an introduction to Hispanic culture; emphasis upon aural comprehension; composition. Prerequisite: Spanish 2 or equivalent. Fall and Spring.

***All upper-division courses given in Spanish.**

21-22. Introduction to

Spanish Literature 6 credits

This course is a survey of Spanish literature and its cultural background from medieval to modern times. Prerequisite: Spanish 12 or equivalent. Fall and Spring.

23. Advanced Reading and

Composition 3 credits

Composition and analysis of literary texts taken from modern Spanish and Spanish-American authors. Prerequisite: Spanish 12. Fall.

25-26. Modern Spanish

Literature 6 credits

The 19th century Romantic Movement, the Realistic Novel (Galdos) and the Generation of '98 (Unamuno, Machado). Fall and Spring.

27-28. The Golden Age of

Spanish Literature 6 credits

A study of Renaissance and Baroque literature in Spain emphasizing the development of

poetry, of the novel to Don Quixote and the theater through Lope de Vega and Calderon.

29-30. Introduction to Spanish American Literature 6 credits

A study of selected works ranging from the 16th century chronicles through contemporary prose and poetry with emphasis on the cultural and political background. Fall and Spring.

31-32. Contemporary Spanish Literature 6 credits

The 20th century novel, poetry, and drama of Spain from Modernismo to the present.

33. Spanish American Novel in the 20th Century 3 credits

36. Language Pedagogy 3 credits

An integrated approach to language teaching in the elementary and secondary schools. Designed for all language and education majors.



Department of History

Chairman and Asistant Professor Welch; Research Professor Kubek; Professors Carroll and Lekai; Associate Professors Maher and O'Connell.

The department offers introductory courses in Western Civilization and American History to all students to provide some understanding of the distance man has come and the routes he has taken. Advanced courses demonstrate techniques of the historian and treat times and movements in sufficient detail to permit close analysis and the development of theory.

The student majoring in history is required to undertake independent research. He learns to evaluate sources and materials, to place problems in context, and to make judgments.

Training in history is excellent background for graduate study in political science, public administration, journalism, teaching, and law.

Requirements For a Major in History:

24 advanced credits in History, including History 37 and 38. Six advanced credits must be in American History and six in European History. During the spring semester of the junior year the student will select a subject for his senior project and will notify the chairman of his decision. The following fall he will register for History 38, the Senior Research Project, and will be assigned to a professor upon the basis of the topic selected. The comprehensive examination, given in the spring, will be structured about the Senior Research Project.

Basic Program for the Bachelor of Arts Degree

Major in History

Year I

Art, Drama, or Math	3
English 1	3
History 1	3
Language 11	3
Philosophy 1	3
	<hr/> 15
Art, Drama, or Math	3
English 2	3
History 2	3
Language 12	3
Economics 11	3
	<hr/> 15

Year II

English 11	3
History 11	3
Philosophy 11	3
Politics 11	3
Science 1	3
	<hr/> 15
Elective	3
English 12	3
History 12	3
Science 2	3
Theology 11	3
	<hr/> 15

Year III

History	6
Philosophy 23	3
Electives	6
	<hr/> 15
History 47	3
History	3
Theology 20	3
Electives	6
	<hr/> 15

Year IV

History 48	3
History	3
Philosophy elective	3
Electives	6
	<hr/> 15
History	6
Theology	3
Electives	6
	<hr/> 15

Courses in History

- 1. Western Civilization I 3 credits**
From ancient times to the close of the Thirty Years' War. Fall.
- 2. Western Civilization II 3 credits**
From the close of the Thirty Years' War to the present. Spring.
- 11. American Civilization 3 credits**
From Columbus through the Civil War. Fall.
- 12. American Civilization II 3 credits**
From Reconstruction to the present. Spring.
- 24. History of England I 3 credits**
Medieval England; the Tudor monarchy, its social, economic and religious issues; Stuart England and its development toward constitutional monarchy. Fall, 1971.
- 25. History of England II 3 credits**
The British colonial empire; Industrial revolution; imperialism and foreign affairs; the British Commonwealth of Nations. Spring, 1972.
- 26. Modern France I 3-credits**
A treatment of the period from the time of Henry IV to 1815. Fall, 1971.
- 27. Modern France II 3 credits**
The period from 1815 to the present. Spring. 1972.
- 28. Medieval Germany 3 credits**
From earliest times to the disintegration of the Empire in 1648. Fall.
- 29. Modern Germany 3 credits**
Austria and Prussia; the revival of nationalism and drive for unification; the two World Wars and their aftermath. Spring.

31. American Diplomatic History **3 credits**
Studies in American foreign relations from the war of the Revolution to the present. Fall.

32. American Military History **3 credits**
Studies of the evolution of American military policy and institutions from the war of the Revolution to the present. Spring.

39. Texas and the Southwest **3 credits**
From Cortez to the present, centering on Texas, but with attention given New Mexico colonization, the Indian Territory, and Judge Parker's Court. Fall.

41. The Age of Washington (1750-1800) **3 credits**
Detailed treatment of the formative period of American History with emphasis on the revolutionary and constitutional crises. Fall.

42. The Age of Jefferson and Jackson **3 credits**
A treatment of the times and personalities of Thomas Jefferson and Andrew Jackson and their political philosophies. Spring.

44. The Emergence of Modern America (1875-1920) **3 credits**
Analysis of post-Reconstruction period, the rise of big business, the Populist Revolt, Progressivism and Imperialism. Fall.

45. Recent America (1920-1945) **3 credits**
Detailed treatment of foreign and domestic problems from Versailles to the end of World War II, with emphasis on the Roosevelt administration. Spring.

46. Contemporary America (1945 to present) **3 credits**
Analysis of U. S. involvement in cold war, Korean War and Vietnam with collateral treatment of vital domestic issues such as civil rights, inflation and revolutionary trends. Spring.

47. Historical Methodology **3 credits**
Seminar in the development of historiography; methods and instruments of research; current trends of interpretation and philosophy of history. Spring.

48. Senior Research Project **3 credits**
The student will investigate a topic he has selected and, with the guidance of the professor designated to assist him, will develop an appropriate paper. In the following semester, the senior comprehensive examination will deal with the project topic. Fall.

57. Special Studies in History **3 credits**



The Humanities Program

Director and Assistant Professor Begnaud.

The Humanities Program at the University of Dallas is concerned with historical event, philosophical thought, and literary insight as they elucidate man's search for meaning. A closely integrated curriculum makes available to the student the viewpoints of several disciplines; his senior project challenges him to understand the relationships among them. Under the direction of a specialist he focuses his research upon a key insight of one historical, philosophical, or literary figure, placing it within the milieu that evoked it. Through this effort to penetrate one culture, the student deepens his understanding and appreciation of his own, and learns something of his role in shaping it.



Humanities Major

Year I

Art, Drama, or Math	3
English 1	3
History 1	3
Language 11	3
Philosophy 1	3
	<hr/>
Art, Drama, or Math	3
English 2	3
History 2	3
Language 12	3
Economics 11	3
	<hr/>
	15

Year II

English 11	3
History 11	3
Philosophy 11	3
Science 11	3
Language 21*	3
	<hr/>
	15
English 12	3
History 12	3
Theology 11	3
Science 12	3
Language 22	3
	<hr/>
	15

Year III

Humanities 21	3
Philosophy 23	3
Philosophy 25	3
History Elective	3
English elective	3
	<hr/>
	15
Humanities 22	3
Politics 11	3
Philosophy 26	3
History elective	3
Theology 20	3
	<hr/>
	15

Year IV

Humanities 38	3
Philosophy 27	3
Theology elective	3
Electives	6
	<hr/>
	15
Humanities 41	3
Philosophy 28	3
Advanced history of art or drama	3
Electives	6
	<hr/>
	15

Course Requirements for a Major in Humanities:

History of art or drama: 9 hours of which 3 must be advanced.

Philosophy 25, 26, 27, 28.

English: one advanced elective, chosen after consultation with department chairman.

History: two advanced electives, chosen after consultation with department chairman.

Foreign Language 21, 22, or two years of a second foreign language.

Humanities 21, 22, 38, 41.

Courses in Humanities

21. Man and the Arts I 3 credits

A history of the cultural epochs of western man viewed primarily through his literature but touching upon his art, his architecture, and his music. Extensive reading of western writers from Homer to Donne. Fall.

22. Man and the Arts II 3 credits

A continuation of 21, with extensive reading of western writers from Descartes to the present. Spring.

38. Cultural Criticism 3 credits

An examination of theories of myth, symbol, intuition, culture, and esthetics, with emphasis on the development of "modernism" from Romantics to the present. Fall.

41. Humanities Research

Seminar 3 credits

An exhaustive study of a single historical, literary, or philosophical figure in his relationship to his milieu. Spring.

Department of Mathematics

*Acting Chairman and Assistant Professor
Roach; Assistant Professors Asner, Coppin,
and Howes.*

The primary aim of the Department of Mathematics is to prepare the student to think creatively and to do successful graduate work. Emphasis is placed on achieving a balance between acquisition of information and depth of insight.

A student who has demonstrated sufficient interest and ability his first semester may take Mathematics 11 and Mathematics 21 his second semester. He may then take any upper division course concurrently with Mathematics 12. This procedure will enable the student to take seminars with graduate content before graduation.

Major in Mathematics

Year I

Chemistry 3	4
English 1	3
History 1	3
Mathematics 3 or 4	3
Philosophy 1	3
	<hr/> 16

Chemistry 4	4
English 2	3
History 2	3
Mathematics 4 or 11	3
Physics 11	4
	<hr/> 17

Year II

Economics 11	3
English 11	3
Mathematics 11 or 12	3
Philosophy 11	3
Physics 12	4
	<hr/>
	16

English 12	3
Mathematics 12 or 14	3
Mathematics 21	3
Politics 11	3
Theology 11	3
	<hr/>
	15

Year III

History 11	3
Language 11	3
Mathematics	6
Philosophy 23	3
	<hr/>
	15

History 12	3
Language 12	3
Mathematics	6
Theology 20	3
	<hr/>
	15

Year IV

Mathematics	6
Theology	3
Electives	6
	<hr/>
	15

Mathematics	6
Philosophy	3
Electives	6
	<hr/>
	15

Course Requirements for a Major in Mathematics:

Mathematics 4, 11, 12, 14, 21, 32, 33, 34, 41, 42, plus 6 credits in courses numbered 20 or above; Chemistry 3, 4; Physics 11, 12.

Courses in Mathematics

1-2. Introduction to Mathematics 6 credits

Elements of symbolic logic, valid arguments, partitions and counting, elementary probability, vectors and matrices, linear programming, game theory, applications to economics and sociology. For students not majoring in mathematics or science.

3. Precalculus 3 credits

Sets, the real number system, fractions, exponents, polynomials, inequalities, logarithmic and trigonometric functions, identities, inverse functions. Fall.

4. Calculus I 3 credits

Functions, limits, derivatives, applications of derivatives. Prerequisite: Mathematics 3 or a satisfactory score on the placement test. Fall and Spring.

10. Introduction to Computer Science 3 credits

Logical structure of a computer, a programming language, iteration techniques, problem solving. Prerequisite: Mathematics 2, 3, or 4.

11. Calculus II 3 credits

The integral and its applications, techniques of integration. Prerequisite: Mathematics 4. Fall and Spring.

12. Calculus III 3 credits

Infinite series, vector spaces, inner products, linear mappings, matrix algebra, eigenvalues. Prerequisite: Mathematics 11.

14. Calculus IV 3 credits

Partial differentiation, the chain rule, multiple integration, line and surface integrals. Prerequisite: Mathematics 12.

- 15. Foundations of Mathematics 3 credits**
Symbolic logic, set algebra, algebraic systems, the real number system. Prerequisite: Mathematics 11 or consent of department. Spring.
- 20. Foundations of Geometry 3 credits**
A systematic development of topics selected from metric and non-metric geometries, comparison of postulate systems. Prerequisite: Mathematics 11. Fall.
- 21. Fundamental Concepts in Mathematics 3 credits**
Symbolic logic, set algebra, algebraic systems, the real number system. Prerequisite: Mathematics 11. Spring.
- 22. History of Mathematics 3 credits**
The history of the development of mathematics, the lives and ideas of noted mathematicians. Prerequisite: Mathematics 11.
- 24. Differential Equations 3 credits**
First order equations, existence and uniqueness of solutions, differential equations of higher order, Laplace transforms, systems of differential equations. Prerequisite: Mathematics 12. Spring.
- 25. Complex Variable Theory 3 credits**
Complex differentiation and integration, power series, residues and poles, conformal mapping. Prerequisite: Mathematics 12.
- 26-27. Probability and Statistics 6 credits**
Conditional probability, distributions, sampling, law of large numbers, correlation, tests of hypotheses, goodness of fit, regression. Prerequisite: Mathematics 11. Even numbered years.
- 28. Numerical Analysis 3 credits**
Zeros of polynomials, difference equations, systems of equations, numerical differentiation and integration, solution of differential equations. Prerequisite: Mathematics 10 and 24.
- 29. Fourier Series and Orthogonal Functions 3 credits**
Orthogonal functions, Fourier series, boundary value problems, Laplace and Fourier transforms. Prerequisite: Mathematics 14.
- 32-33. Modern Algebra 6 credits**
Semigroups, groups, rings, integral domains, fields, vector spaces, matrices, linear transformations, quadratic forms. Prerequisite: Mathematics 15 or 21.
- 34-35. Topology 6 credits**
Topological spaces, connectedness, compactness, continuity, separation, metric spaces, complete metric spaces, product spaces. Prerequisite: Mathematics 15 or 21.
- 38. Mathematical Logic 3 credits**
Propositional calculus, predicate calculus, first order theories, formal number theory. Prerequisite: Mathematics 21.
- 39. Axiomatic Set Theory 3 credits**
Axioms, ordinal numbers, finite and denumerable sets, rational and real numbers, the axiom of choice. Prerequisite: Mathematics 38.
- 41-42. Analysis 6 credits**
Continuity, differentiation, the Stieltjes integral, sequences and series of functions, bounded variation, functions of several variables. Prerequisite: Mathematics 15 or 21.
- 50. Seminar 3 credits**
This course is intended to give the student an opportunity to pursue special studies not otherwise offered. May be repeated for credit. Prerequisite: Consent of department.

Department of Philosophy

Chairman and Assistant Professor Fenton; Professor Wilhelmsen; Associate Professors Balas, Hardy, and Cain; Assistant Professors Flynn and Rabay.

The Department of Philosophy at the University of Dallas offers its required courses with a twofold aim: to acquaint the students with the main problems of philosophy and with the solutions proposed for them within and outside the Thomistic tradition; to engender in the minds of students the habits of philosophical thinking which will enable them to integrate their entire education.

For its majors as well as for other students interested in deepening their philosophical education, the Department has prepared a series of courses in the history of philosophy which, without overlooking nonwestern traditions, span the entire Western tradition from the pre-Socratics to the contemporary scene. These are philosophy courses as well as history courses; students are expected to bring to bear upon the historical material the habits of thinking acquired in their "systematic" courses. These courses accomplish three purposes. First of all, they engage the students in a conversation with the great philosophers, and this at once elevates and humbles. They also illuminate historical epochs as articulated philosophically by their best minds, and so enhance the student's humanistic culture. Finally, they not only point out dead-end streets in philosophical speculation, obviating the need to repeat history's errors, but, more positively, they help the student to appropriate and grow in philosophic wisdom.

Advanced courses in epistemology, natural theology, philosophy of sci-

ence, ethics, esthetics, and the many other areas further the same three goals. They seek to promote, not mere erudition, but above all the desire and the power to philosophize. Moreover, and importantly, they assist the student in his effort to locate himself within his own moment in time.

The Numbering of Courses

Course 1 is normally taken during the freshman year, course 11 during the sophomore year, course 23 during the junior year. Courses numbered 20 to 29 are history courses and certain more basic systematic courses; courses numbered 30 to 49 are advanced upper division courses; courses numbered 50 to 59 are special seminar and research courses.

The Basic Program in Philosophy

Every student is expected to take, in sequence, Philosophy 1, Philosophy 11, and Philosophy 23. Though these are offered in both Fall and Spring semesters, the student committed to the basic theology sequence, except in quite unusual cases, takes Philosophy 11 and 23 in the Fall semesters. These three fundamental courses must be complemented, from among the upper division offerings in philosophy, by at least one elective, chosen in consultation with the chairman of the major department and with a view to its contribution to the student's total formation.

Basic Program for the Bachelor of Arts Degree

Major in Philosophy

Year I

Art, Drama, or Math	3
English 1	3
History 1	3
Language 11	3
Philosophy 1	3
	<hr/> 15

Art, Drama, or Math	3
English 2	3
History 2	3
Language 12	3
Economics 11	3
	<hr/> 15

Year II

Politics 11	3
English 11	3
History 11	3
Science 11	3
Philosophy 11	3
	<hr/> 15

English 12	3
History 12	3
Elective	3
Science 12	3
Theology 11	3
	<hr/> 15

Year III

Philosophy 23	3
Philosophy	6
Elective	6
	<hr/> 15

Philosophy	6
Theology 20	3
Elective	6
	<hr/> 15

Year IV

Philosophy	3
Philosophy	3
Theology	3
Elective	6
	<hr/> 15

Philosophy 41	3
Philosophy	6
Elective	6
	<hr/> 15

Course Requirements for a Major in Philosophy:

36 credits in Philosophy, including Philosophy 25, 26, 27, 28, 31, 36, 38 and 41.

Courses in Philosophy

1. Introduction to Philosophy 3 credits

Broad introduction to philosophy through study of some crucial problems. In addition, for approximately half of the semester, logic as the organon of human thought and science. Fall and Spring.

11. Philosophy of Being 3 credits

Brief synopsis of the history of philosophical speculation on being. The transcendence of Greek essentialism in the assertion of the primacy of existence within being. The Thomistic theory of being in its relations with rival theories. Its development in treating the actual and the potential, the transcendentals, substance and accident, person, causality, the existence of God. Prerequisite: Philosophy 1. Fall and Spring.

21. Philosophy of Education (Education 21) 3 credits

Philosophical thought and its effect on educational planning, curricula, and methodology. Offered as needed. Spring. Prerequisite, philosophy 23.

23. Philosophy of Man 3 credits

The important rival views of man, both past and present, Major themes, such as perception and knowledge, freedom, the relation of body and mind, the spiritual nature and immortality of the soul. Prerequisite: Philosophy 11. Fall and Spring.

- 25. Ancient Philosophy 3 credits**
Greek and Roman philosophy, with special attention to Plato, Aristotle, Hellenistic schools, and Plotinus, the impact of Christianity, St. Augustine. Fall.
- 26. Medieval Philosophy 3 credits**
Augustine and other influences. Development of philosophic thought up to Nicholas of Cusa, with emphasis on Bonaventure, Albert the Great, Thomas Aquinas, Duns Scotus, and Ockham. Spring.
- 27. Renaissance and Early Modern Philosophy 3 credits**
From the Renaissance to the nineteenth century, with special attention to Continental rationalism, British empiricism, and the philosophy of Kant. Fall.
- 28. Recent Philosophy 3 credits**
Nineteenth and twentieth century philosophical thought. Prerequisite: Philosophy 27 or 31. Spring.
- 31. Epistemology 3 credits**
The philosophy of knowledge. The modern critical problem; positions of Descartes, Hume, Kant, Hegel, et al.; metaphysical realism; the theory of judgment and truth; the role of symbol and myth in man's cognitive life; kinds of knowledge, such as mathematical, poetic, historical. Fall.
- 32. Esthetics 3 credits**
The philosophy of art as *techne* or making. Transcendental beauty. Poetic creation and the symbolic dimension of human knowledge. Sign and symbol and an introduction to the theory of communication. Spring.
- 33. Philosophy of Science 3 credits**
Study of the nature, method, and principles of modern science. Analysis of experimental data; scientific facts, laws, and theories; philosophical presuppositions of a realistic explanation of nature. Spring.
- 34. Philosophy of History 3 credits**
History as cyclical in pagan antiquity. History as meaningful past, present, and future in the Bible and the Church Fathers. Medieval theories of history. The rise of movements immanentizing historical meaning: Comte, Lessing, Hegel, Marx, et al. The nature of historical knowledge. Offered as needed.
- 36. Ethics 3 credits**
The meaning of human activity, the nature and foundation of the norms of human conduct and of moral obligation, the relationship between the order of values and the order of being, examined in critical dialogue with contemporary ethical systems. Fall.
- 38. Philosophy of God 3 credits**
The possibility of natural theology. The existence, nature, and attributes of the First Being. Fall.
- 41. Senior Seminar 3 credits**
Extensive readings in the works of a single philosopher or of a single period, by agreement with the instructor. Seminar discussions and a major term theme on the author or period selected. Required of philosophy majors in the second semester of the senior year. Spring.

45. Philosophy of Marxism 3 credits

The dependence of Marxism on German philosophy, French social thought, and English economic theory. Development under the influence of Lenin and Russian revolutionary thought. Humanist revival in Eastern European revisionists and western scholars. Spring.

46. American Philosophy 3 credits

American philosophy as a reflection of the spirit of a culture. Currents of thought in American history; the problems giving rise to these currents; their relations to one another. Pragmatism as the specially American contribution to philosophy; its different forms in Peirce, James, and Dewey. Spring.

49. Baroque Philosophy 3 credits

Seventeenth century European

philosophy, with special attention to Descartes and Leibniz. Offered as needed.

50. Special Seminar

Courses

3 credits

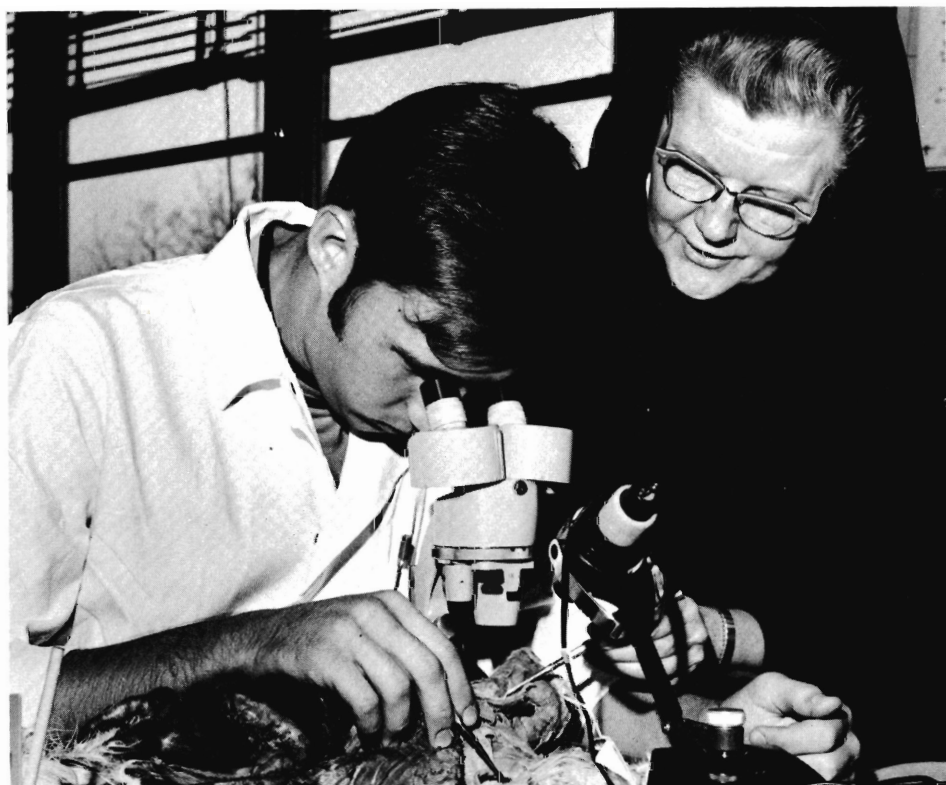
Established according to the interests of professors and the desires of students. Such areas as present-day currents in philosophy, Baroque philosophy, the history of Thomism, problems of Thomism in the contemporary world, the philosophical presuppositions of the theology of Tillich. For advanced students only. Fall and Spring.

51. Directed Readings and

Research

3 credits

Special programs of inquiry determined by mutual consent of student and professor. For advanced students only. Fall and Spring.



Department of Physics and Engineering Science

Chairman & Associate Professor Cook, Professor D. Cowan; Associate Professor Monostori; Adjunct Professor Howes; Tager Staff.

Basic Program for the Bachelor of Arts Degree Major in Physics:

The undergraduate curriculum in physics is concentrated and advanced. Most students who complete this program proceed to graduate school, but, those who do not, find themselves highly competent for employment at the Bachelor's level. Because of the broad scope of interest required of the physicist, the curriculum provides experience in chemistry and biology, as well as a thorough grounding in mathematics. The interplay of theory and experience, characteristic of the discipline of physics, is emphasized throughout the entire program. Laboratory courses are especially important in conveying to the student an appreciation of experimental techniques and in stimulating and growth of intuition. Optics and electronics are emphasized in the student's laboratory exposure.

Year I

Chemistry	3	4
English	1	3
Mathematics	4	3
Philosophy	1	3
History	1	3
		<hr/> 16
Chemistry	4	3
English	2	3
History	2	3
Mathematics	11	3
Politics	11	3
		<hr/> 16

Year II

Biology	11	4
English	11	3
Philosophy	11	3
Physics	11	4
Mathematics	12	3
		<hr/> 17
English	12	3
Mathematics	24	3
Physics	12	4
Theology	11	3
Economics		3
		<hr/> 16

Year III

Math elective	3
History 11	3
Language 11	3
Philosophy 23	3
Physics 23	3
Physics 21a or 22a	3

18

History 12	3
Language 12	3
Physics 24	3
Physics 26	3
Physics 21b or 22b	3
Theology 20	3

18

Year IV

Physics 53	1
Physics 27	3
Physics elective	3
Physics 21a or 22a	2
Theology 30	3
Elective	5

17

Physics 53	1
Physics 28	3
Physics elective	3
Physics 21b or 22b	2
Philosophy of Science	3
Elective	5
	17

Course Requirements for a Major in Physics:

Physics 11, 12, and twenty-four advanced credits in Physics; Biology 11; Chemistry 3 or 4; and Math 4, 11, 12, and 24. Math 25, and 28 are recommended electives. Physics Seminar is required for seniors.



Courses in Physics:

11-12. General Physics 4, 4 credits

This first course in physics is required of all science majors and is a pre-requisite for all other physics courses. Although the study is basic, it is rigorous and presumes a knowledge of calculus. The course is usually taken in the second year. Exceptionally qualified students may take this course in the first year with approval of their physics department advisor. Three lectures and one three-hour laboratory weekly.

20. Quantum Physics 3 credits

Modern physics including atomic molecular and nuclear physics, with an introduction to quantum mechanics. Three lectures weekly plus a weekly problem session.

21a-b. Optics and Optics

Laboratory 3, 3 credits

One year of a two year sequence in optics and electronics. This course concentrates on optical techniques including experiments on interference, diffraction, holography, resolution and spatial filtration, and laser applications and spectroscopy. One lecture and one three hour laboratory weekly. Offered alternate years.

22a-b. Electronics and

Electronics

Laboratory 3, 3 credits

The second year of a two year sequence in optics and electronics. This course begins with an introduction to linear circuit theory and the concepts of complex impedance, resonance, and frequency response. Transistor and vacuum tube circuits are analyzed. Bipolar and field effect transistors are studied together with integrated circuits. Digital

logic circuits are extensively studied. One lecture and one three hour laboratory weekly. Offered alternate years.

23-24. Vectorial

Mechanics

3, 3 credits

Intermediate level mechanics. Introduction to vectors, matrices, and tensors. Lagrangian formulation of mechanics, normal coordinates, rigid body rotation, central force motion, Hamiltonian formulation of mechanics. Three hours weekly plus a weekly problem session.

26. Statistical Physics 3 credits

Thermodynamics, Basic Probability Theory and statistical mechanics with physical applications. Classical statistics and Fermi-Dirac and Bose-Einstein statistics. Applications to black body radiation, electrons in metals, and specific heats at low temperatures. Three lectures weekly plus a weekly problem session. Spring.

27-28. Electromagnetic Theory

and Optics

3, 3 credits

Vectors, tensors, matrices, Fourier series and integral. Theorems of Gauss, Stokes, and Green. Electrostatics potential theory. Spherical harmonics. Magnetostatics. Maxwell's equations. Electromagnetic waves. Dipole radiation. Gauge Transformations. Retarded potentials, special relativity. Diffraction, coherence, interference. Three lectures weekly.

Senior—Graduate Courses

45a-b. Computer Methods in

Optical Design

3, 3 credits

A graduate course in the Optical Science program. Optical design suitable for digital computers. Optimum Seeking Methods. Image Evaluation Techniques. Suitable merit functions for computer optimization. Computer de-

sign for laser cavities and beam forming optics. Use of the LASL and POSD programs. Practice problems in optical design.

46a-b. Optical Physics 3, 3 credits

A graduate course in the Optical Science Program. Interaction of Radiation and Matter. Optical Spectra, Atomic Spectra, Molecular Spectra, Crystal Spectra. Optical detectors. Noise limitations. Properties of Optical Materials. Lasers.

51-52. Quantum

Mechanics

3, 3 credits

Senior or first year graduate level introduction to quantum mechanics. Applications to atomic, molecular, and nuclear physics. Nonrelativistic wave mechanics and matrix and transformation equivalences. Applications to scattering problems. Three lectures weekly.

53. Physics and Optics

Seminar

1 credit

Required for seniors and graduate students each semester. Freshmen are invited and sopho-

more and junior students are required to attend without credit. Senior and graduate students give talks on topics of interest in physics. One prepared presentation per semester. Outside speakers are brought in for some of the lectures. One hour weekly.

55a-b. Fourier Transformations and Orthogonal

Expansions

3, 3 credits

Fourier series and integral. Fourier and Laplace Transformations. Eigen function expansions, Operator formalism, Linear vector spaces with applications to quantum mechanics. Special functions of mathematical physics.

56a-b. Mathematical Methods

for Opticists

3, 3 credits

A first year graduate course in the Optical Science program. Matrix Algebra and transformations in Linear Vector Spaces. Fourier Transforms. Generalized Functions. Sampling Theorem. Random functions. Coherence Theory. Hilbert Transform. Information Theory and Communication Systems.



The Graduate Program in Physics

The University of Dallas, recognizing the need in the southwestern United States for additional facilities for advanced training in physics, has inaugurated a program of study and research leading to a master's degree and a Ph.D. degree in physics.

This program assumes that applicants will have completed a good undergraduate major in physics together with a sound grounding in mathematics. Applicants unable to meet this are encouraged to apply with the understanding that their deficiencies must be removed before they can undertake graduate studies. All entering graduate students are required to take the Graduate Record Examination and the advanced physics exam by the end of their first year in graduate school. A written examination may be required of those students who are not progressing satisfactorily by the end of their first year.

The graduate program in physics assumes a large degree of emotional and intellectual maturity from its students. The students are expected to take a minimum of eight semester courses for the master's degree and sixteen courses for the doctorate; but the comprehensive oral examinations are the most important formal requirement prior to the dissertation. These examinations cover the following subjects on an intermediate to advanced level:

Physics

1. Classical Mechanics
2. Optics
3. Electromagnetic Theory
4. Quantum Mechanics
5. Atomic and Molecular Physics
6. Nuclear Physics
7. Solid State Physics

Mathematics

8. Mathematical Methods of Physics

Foreign Languages

1. German
2. French
3. Russian

Candidates for the master's degree are required to pass the first four oral comprehensive examinations from the Physics section plus two chosen from numbers 5-7. Ph.D. candidates must take one additional examination from the Physics section. All advanced degree candidates must pass an examination in Mathematical Methods of Physics. Master's degree candidates must pass one of the foreign language examinations and Ph.D. degree candidates must pass two.

The student is advised to plan a program of study which will allow his completing this examination schedule by the end of his second year of graduate work.

In addition to his academic study program an acceptable dissertation must be submitted and approved by the department. The dissertation submitted for the Ph.D. degree will represent about three times the effort and accomplishment acceptable for a master's degree. The student should expect to spend one academic year on the research and writing of a master's thesis, and at least two academic years on his Ph.D. dissertation. Each new graduate student will be assigned an advisor who will assist him in planning his course of study.

Advanced degrees and especially the Ph.D. are awarded for research and scholarship and not for completing a prescribed number of courses or years of study.

Fields of Study:

Currently, the University offers research opportunities in laser applications. Research programs in modern optics and in spectroscopy are being developed. New facilities for Raman Spectroscopy and holography will be operational by Fall, 1970. The research facilities of other TAGER institutions — Texas Christian University, Southern Methodist University, and The Southwest Center for Advanced Studies — are available to University of Dallas students.

The Graduate Program in Optical Science

The Master of Science in Optical Science is designed for students with an undergraduate background in engineering or physics who wish to work in the fields of lens design, optical instrument design, quantum electronics, Fourier Optics, or holography.

It is arranged in a three year sequence of half-time study to allow those working in these fields to participate. Some courses are taught through the TAGER network but the majority of the work is done on the UD campus.

The program requires approximately 42 credits of course work including the Physics and Optics Seminar which continues throughout the course work. Thesis projects may be arranged to coordinate with the student's work interest in the field.

Graduate Courses in Physics and Optical Science

Not all courses are offered each year. Some courses are given on TAGER.

61a-b. Quantum

Electronics 3, 3 credits

A graduate course in the Optical Science Program. Review of Quantum Mechanics. Polariza-

tion in Dielectrics. Magnetism. Spontaneous and Stimulated Emission. Solid, Liquid and Gaseous Lasers. Modulation of Light. Parametric Amplifier. Stimulated Raman Effect.

63a-b. Advanced Quantum

Mechanics

6 credits

Dirac Electron Theory. Fields quantized in the L.S.Z. formulation. Quantum electrodynamic perturbation theory and renormalization. Feynman diagrams. Other topics as selected by the instructor. Three hour lecture.

65. Solid State Physics 3 credits

The structure and property of solids; specific heat, elastic properties, semiconductors, superconduction, magnetism.

67. Atomic Spectroscopy 3 credits

Introduction to the principal features of atomic spectra.

68. Molecular

Spectroscopy

3 credits

Study of molecular structure; determination of constants from spectra.

69a-b. Introduction to

Fourier Optics

3, 3 credits

This is a first year graduate course in the Optical Science program. Optics and Communication Theory. Two Dimensional Fourier Analysis. Scalar Diffraction Theory. Fourier Theory of Optical Imaging. Quality Evaluation of Photographic Lenses. Spatial Filtration and Optical Information Processing. Holography.

70-71. Nuclear Physics 6 credits

Quantum mechanical treatment of nuclear models.

72. Statistical Mechanics 3 credits

73-74. Advanced Electromagnetic Theory 3, 3 credits

75-76. Classical

Mechanics

6 credits

Advanced treatment of classical mechanics.

77-78. Methods of Theoretical

Physics

6 credits

Advanced mathematical analysis of physical phenomena.

79. Advanced Optics

Laboratory

3-6 credits

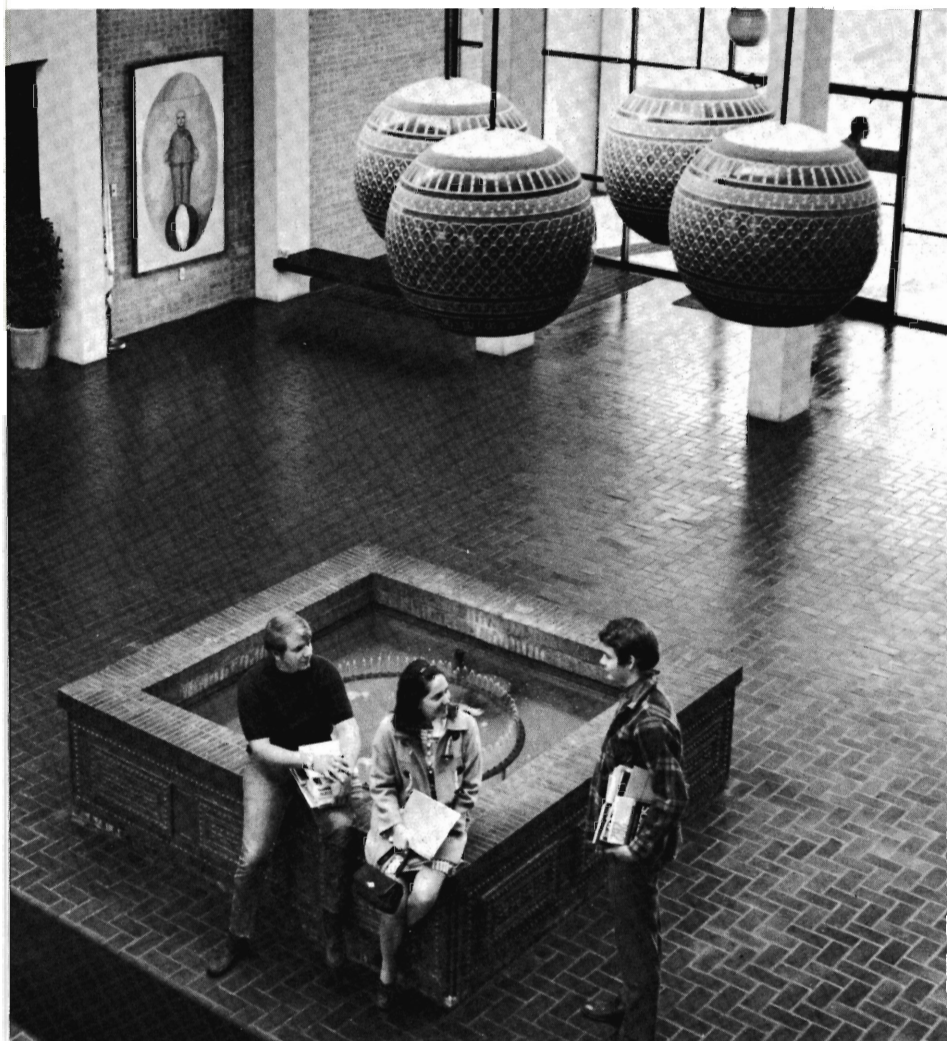
A graduate course in the Optical Science Program. This course will be tailored to the interests of the individual students. It is

offered to familiarize the student with a wide range of advanced optical instruments and techniques. He will undertake small projects with a number of instruments. It is offered as a preliminary to a Thesis Research project, or for those whose interest is primarily theoretical, but who need an advanced laboratory experience.

80. Thesis Research

6-12 credits

By arrangement with thesis advisor.



Department of Politics

Chairman and Assistant Professor deAlvarez; Professor Anastaplo; Associate Professor Parry; Assistant Professor Bishirijian; Lecturer H. deAlvarez.

The central question of politics is: Who should rule? Politics, above all, has to do with the polis, the city, which may be tentatively described as an association of friends for the common good. The discourse that results when the question is raised among these friends as to who should rule the polis is politics in its truest and fullest sense. Politics is a discourse among equals—hence friends—on justice and the common good; that is to say, on the good they cannot achieve without each other.

When we ask on what grounds such a discourse be conducted, when we ask how friends engaged in such a discourse can know what they are saying, we are asking the question of political science. Political science has as its end the safeguarding of the possibility of politics. It rescues the political from opinion, and by showing the ground upon which politics stands, it proves to be the salvation of politics.

The Politics program seeks to satisfy two sets of needs. First, the needs of undergraduates whose major concerns lie in fields other than Politics, for whom the Department seeks to provide that minimum un-

derstanding of political phenomena, of the American political system, and of the great competing alternatives in contemporary world politics, without which understanding they can be neither good men nor good citizens. Second, the department seeks to prepare its undergraduates for graduate study in Politics, or for training in the professional fields of Law, Public Administration, City Management, Diplomacy, and Journalism. For students majoring in these and other fields besides Politics, the Department offers these courses: American Government; The American Political Tradition; Constitutional Law; and Marxism-Leninism. The Department's remaining courses are intended for Politics majors, and are conducted on a level of intensity and difficulty not likely to commend itself to visitors from other departments.

The Politics staff seeks, in all these courses, to develop in its students the skills, habits, and manners appropriate to discussion of the "important things" among gentlemen, for the only alternative to the arbitrament of political issues by force is the possibility of their resolution through discourse.

Course Requirements for a Major in Politics:

The student desiring to major in politics is requested to write a letter to the department chairman stating his intention. An interview with the department chairman to determine the student's qualifications and interests will then be arranged.

The politics major is required to take, preferably in the sequence here indicated, Politics 11, 21, 22, 23, 24, 25, 26, 39, 27, 28, and 49. Any course substitutions or changes in sequence must be approved by the department chairman.

The preferred languages for the politics major are Hebrew, Latin, Greek, French and German. Because of the requirements of graduate schools, the department urges the politics major to acquire a reading mastery of at least two of these languages although only one is officially required for graduation. The student may substitute another language for the ones listed above by permission of the department chairman.

Comprehensive examinations and the public presentation of a paper are required at the end of the junior year, and at the end of the senior year. The examinations and the public presentations will be the result of work done in the junior and senior seminars.

The politics major will be required to show in the senior seminar that he is able to use one of the languages listed above in research work.

Basic Program for the Bachelor of Arts Degree

Major in Politics

Year I

Art, Drama, or Math	3
English 1	3
History 1	3
Language 11	3
Philosophy 1	3
	<hr/> 15

Art, Drama, or Math	3
English 2	3
History 2	3
Language 12	3
Politics 11	3
	<hr/> 15

Year II

English 11	3
History 11	3
Philosophy 11	3
Economics 11	3
Politics 21	3
	<hr/> 15

English 12	3
History 12	3
Politics 22	3
Theology 11	3
Elective	3
	<hr/> 15

Year III

Philosophy 23	3
Politics	6
Science 11	3
Electives	3
	<hr/> 15

Politics	6
Science 12	3
Theology 20	3
Electives	3
	<hr/> 15

Year IV

Philosophy elective	3
Politics	6
Electives	6
	<hr/> 15

Theology	3
Politics	6
Electives	6
	<hr/> 15

Courses in Politics

11. Introduction to

American Politics 3 credits

The general principles of the American polity. The Congress, the Presidency, the Supreme Court, political parties, the relationship between the nation and the states, are examined in terms of the principles not only of American political order but of political order as such. Attention is also paid to the Constitution of Texas. Every semester.

20. Constitutional Law 3 credits

Analysis of the decisions of the Supreme Court in the light of the permanent principles of political philosophy. Attention will be focused on the contemporary interpretations of the Bill of Rights. Offered as needed.

21. Pre-Classical Political

Thought I 3 credits

The pre-philosophic roots of political order. Myth as the primordial expression of man's participation in order and ancient Israel's break with mythic order. Students will read the Mesopotamian and Egyptian myths and the Old Testament. Fall.

22. Pre-Classical Political

Thought II 3 credits

The Hellenic myth of the polis. The break with the myth and the discovery of philosophy. The students will read Homer, Hesiod, Aeschylus, Sophocles, Euripides, Aristophanes, Xenophanes, Parmenides and Heracleitus. Spring.

23. Classical Political

Philosophy I 3 credits

The political philosophy of Plato. The student will read the **Euthyphro**, **Apology**, **Crito** and the **Republic**. Other representative works may be added. Fall.

24. Classical Political

Philosophy II 3 credits

The political philosophy of Aristotle. Students will read the **Nicomachean Ethics** and the **Politics**. Other works of the period may be added to further the student's understanding of classical political philosophy. Spring.

25. Christianity, Islam

and Judaism 3 credits

A study of the 5th to the 12th centuries when political enquiry existed as inseparable from a sacred theology. Augustine, Averroes and Maimonides will be the principal figures studied. Other representative figures may be chosen from the following: Ambrose, Isidore of Seville, Henry de Bracton, Bernard of Clairvaux, Alfarabi, Avicenna, John of Salisbury. Fall.

26. Aquinas to Fortescue 3 credits

A study of the 13th-15th centuries when the problems of political existence were articulated with a view to the Christian faith. Major emphasis will be placed on Thomas Aquinas. Other representative figures may be chosen from the following: Roger Bacon, John of Paris, Dante, Marsiglio of Padua, William of Occam, Nicholas of Cusa, John Fortescue. Spring.

27. Modern Political

Theory I 3 credits

The break with classical political philosophy. The student will read and critically analyze the principal works of Machiavelli, Hobbes, Locke and Rousseau. Fall.

28. Modern Political

Theory II 3 credits

Continuation of the above. Representative figures may be chosen from among the following:

Descartes, Milton, Spinoza, Montesquieu, Hume, Smith, Burke, Fichte, John S. Mill, Nietzsche. Spring.

35. The American Political Tradition I 3 credits

The Founding. A critical analysis of the Convention and the **Federalist Papers**. Fall.

36. The American Political Tradition II 3 credits

Jefferson to the 20th century. The student will read Tocqueville, Jefferson, Calhoun, Lincoln, Thoreau and Woodrow Wilson. Spring.

33. The first part of the course will be on
37. Marxism - Leninism 3 credits
Introduction to the main concepts of Marxism as they develop from Hegel to Marx. Analysis of the structure of the ideologies of the 19th and 20th centuries. Emphasis is placed on a close analysis of the works of Marx and Engels. Fall.

The second part of the course will be the
38. Theory and Practice of Marxism-Leninism 3 credits
The development of the concepts of Marx by Lenin, Stalin, Mao, Khrushchev and the present-day leaders of the Communist movement. While analysis of the texts of Communism continues to be emphasized, the student is also introduced to Communism in practice through an analysis of the strategy and tactics of the movement and the history of the Party in power. Spring.

39. Junior Seminar 3 credits

Emphasis will be upon independent research. The public presentation of a paper and a comprehensive examination are required. Fall.

49. Senior Seminar 3 credits

Emphasis will be upon independent research in a foreign language. The public presentation of a paper and a comprehensive examination are required. Fall.

59. Special Studies 3 credits

An examination of an author, problem, or topic on a level more intensive than is afforded in most undergraduate courses. Offered as needed.



The Ph.D. Program in Politics & Literature

In cooperation with the Department of English, the Department of Politics offers a course of graduate studies in **Politics and Literature** leading to the doctorate.

The course of studies is based on the premise that during the past three decades, political philosophy has undergone an unprecedented expansion and transformation. New scholarship in the field has broadened the scope of political philosophy by bringing within its purview the great tradition in world literature, and has by the same token moved further and further away from the remainder of the normal curriculum for the Ph.D. in political science (public administration, public law, comparative government, and the courses that treat political studies as one of the behavioral sciences).

Candidates for the Ph.D. in Politics and Literature must attend three full years of seminars, half in political philosophy, and half in literature. Research proficiency in two foreign languages must be proven before the end of the second year. A high degree of literacy, or remedial work through undergraduate courses, is required of those who are accepted. Work on the doctoral dissertation must commence at the middle of the second year.

Courses in Politics

75-76. American

Constitutional Law 3, 3 credits

A study of the United States Constitution and the judicial process. The history and development of Constitutional law is explored and the powers and limitations of the

several levels of government. The principle and process of judicial review is examined. Attention is given to the impact of legal philosophies upon the development of the law.

77-78. Ancient Political

Thought

3, 3 credits

The ancient empires of Egypt and Mesopotamia, ancient Israel, and Pre-Socratic Hellas. The student is introduced to the new scholarship on ancient political orders. The meaning of history as it emerges from the experience of ancient Israel is examined with respect to its significance for political order. The second semester is devoted to the re-creation of the experience of Hellenic order.

79-80. Greek Political

Philosophy

3, 3 credits

The purpose of the course is to familiarize the students with the major political writings of Plato, Aristotle, Xenophon and Thucydides. The students are also expected to become familiar with the scholarship upon these men.

81-82. Roman and Medieval

Political Philosophy 6 credits

The purpose of the course is to familiarize the students with the major political writings of the period between Greek Political Philosophy and the student is also expected to become familiar with the range of scholarship on the period.

83-84. Modern Political

Theory

6 credits

This course is concerned with the major political writings of the period ranging from Marsilius of Padua to Rousseau. The student will be introduced to the critical literature concerning this period.

74. Satire 3 credits

The origins of satire in antiquity and the meaning of the "satiric myth" as it appears in the works of Lucian, Horace, and Juvenal. The tradition of European satire from the Renaissance to the Twentieth Century, with special emphasis upon "Menippean Satire".

85. The Novel to 1900 3 credits

An extensive survey of the novel on the Continent and in England centering around the achievements of the nineteenth-century Russian novelists. The meaning of the novel in relation to the society from which it emerges.

86. The Twentieth Century Novel 3 credits

A reading of the novels of Faulkner, supplemented by representative examples of the modern American novel. A continuation of the study of the novel in relation to its cultural situation begun in the fall semester.

89. American Literature 3 credits

A study of the New England poets, fiction writers, and historians in the light of the cultural and theological background of the society.

90. American Literature 3 credits

A study beginning with early writings in the Southern colonies and continuing on through the literary renaissance of the twentieth century. Special attention is given to discerning the philosophical and religious bases of Southern culture.

93. Tragedy 3 credits

Beginning with Aristotle's mimetic theory of tragedy, a consideration of what critics have termed "the tragic vision," as it exists through several major periods of literary history. Extensive exam-

ination of individual tragedies and works which embody the tragic spirit, together with an emphasis upon the major critical problems which arise in tracing the progress of that spirit in the West.

87-88. The American Political Tradition 3, 3 credits

The course will examine the major political writings of every period of American political thought and will review the important critical scholarship on each of these periods.

91-92. Modern Ideologies.

The ideologies of the 19th and 20th centuries. The student is expected to become familiar with the political ideologies of, *inter alia*, Saint-Simon, Hegel, Feuerbach, Marx, and Comte. Ideology in practice will also be examined through the words and deeds of Lenin, Stalin, Mussolini, Hitler, and Mao Tse-tung.

96. Special Studies 3 credits

Authors, works or issues not otherwise covered in the core curriculum. Offered as needed.

97. Dissertation Research 6 credits

98. Dissertation Research 6 credits

99. Directed Readings 3 credits

Courses in Literature

71. Literary Criticism and the Lyric 3 credits

The lyric as genre and the central importance of the poem in modern literary theory. Lyric themes of innocence, the "golden age," and the garden as they occur in poetry from the Psalms to contemporary lyric. The structure of the lyric and the definition of its mimetic objects.

73. The Epic 3 credits

The major examples of the epic genre from Homer to the twen-

tieth century, studied in terms of theme, structure, language, and cultural and artistic vision. The concepts of primary and secondary epic and theories of the epic from Aristotle to the present.

94. Comedy **3 credits**

The three levels of comedy seen as they permeate, in various degrees and significances, both particular cultures and specific

philosophies of man. Special emphasis is placed on the relevance of **The Divine Comedy** and the patterns of salvation as they relate to comic authors from Aristophanes to Theater of the Absurd.

Electives sufficient to complete requirements must be chosen from any of the following: English 63, 65, 67, 69, 70, 71, 77.



Department of Theology

Chairman and Associate Professor Balás; Associate Professors Cain, Fandal and Hardy; Assistant Professors Begnaud, Csanyi, Froendhoff, Hopkins, Kereszty, Rabay; Lecturer Lackner.

Theology is "faith in search of understanding," a faithful listening to and a methodic and systematic reflecting upon the Word of God, incarnate in Christ and living in the Church.

Certainly our civilization could not be fully understood without a deeper knowledge of Christianity, which is both a basis and an important part of our cultural heritage. The study of theology, however, while being also an integral part of a truly "liberal" curriculum, has a higher and more comprehensive aim. In relating man and the world to their first origin and final end, theology imparts an ultimate unity to our view of reality, and helps us—as no purely human discipline can—to see and fulfill the meaning of our existence.

The Theology Department contributes to the general educational aims of the University on these different levels: a basic program of courses designed for all students; a sister-formation program designed especially for undergraduate students of religious orders on campus; an un-

dergraduate major program for those who plan to achieve their liberal arts education with a concentration in the field of theological studies; and a graduate program leading to the master's degree for those especially who intend to make theology, in teaching, scholarship, and various forms of contemporary apostolate, an integral part of their professional vocation.

Basic courses required for graduation

The University requires for graduation of Catholic students 9 credits in theology. Regularly, the required credits are earned in Theology 11 and 20, and a third course chosen from among those numbered 21 or above. Ordinarily, Philosophy 1 and 11 are prerequisites to all theology courses, and Philosophy 23 is a prerequisite to Theology 20. All theology courses are open also to non-Catholic students. All students are invited to make use of the available theology electives beyond the required minimum.

The Major Program in Theology

A coordinated sequence of advanced courses in Biblical Theology, Dogmatic Theology (including History of Dogma), and Moral Theology (including Social Ethics) gives the student majoring in Theology a thorough initiation in the fundamental disciplines. Further advanced courses are offered as electives. Courses numbered 50 through 59, though taught on the graduate level, are open, with special permission, to qualified upper-division theology majors.

Requirements for a Major in Theology:

- a) 30 advanced credits in Theology, including Theology 20, 24, 25, 26, 27, 35 (or 5-6) 36 (or 31-32), 38 and 53.
- b) A pro-seminar (Theology 53), taken in the senior year, requires the student to prepare a major term paper of at least 5000 words giving evidence of his research abilities in the field.
- c) A comprehensive examination, oral and written, to be taken in the last semester of the senior year. The purpose of this examination is to test the candidate's: (1) general theological knowledge, (2) familiarity with basic tools and methods of theological research, (3) ability to form sound theological judgments on current issues, and (4) ability to communicate his knowledge. A bibliographical guide and reading list as distributed by the department to juniors majoring in Theology will help the student prepare for this examination, which is not simply a matter of course work, but of personal research and reflection.

Some background in the Latin and Greek languages is recommended

for a major in theology. From among the modern languages the department recommends especially French and German.

Basic Program for the Bachelor of Arts Degree

Major in Theology

Year I

Art, Drama or Math	3
English 1	3
History 1	3
Language 11	3
Philosophy 1	3
	<hr/> 15

Art, Drama or Math	3
English 2	3
History 2	3
Language 12	3
Politics 11	3
	<hr/> 15

Year II

Economics 11	3
English 11	3
History 11	3
Science 11	3
Philosophy 11	3
	<hr/> 15

English 12	3
History 12	3
Elective	3
Science 12	3
Theology 11	3
	<hr/> 15

Year III

Philosophy 23	3
Theology	6
Electives	6
	<hr/> 15

Theology 20	3
Theology	6
Electives	6
	<hr/> 15

Year IV

Philosophy	3
Theology	6
Electives	6
	<hr/> 15
 Theology	 9
Electives	6
	<hr/> 15

The Graduate Program in Theology

A graduate program in theology is offered in the Braniff Graduate School to men and women, regardless of religious denomination.

The following requirements specify and complete the university requirements for graduate degrees described earlier in this catalogue.

Requirements for Admission

Applicants for admission are expected to have:

1. A B.A. degree.
2. A good background in undergraduate philosophy which includes both systematic philosophy, especially ontology, and history of philosophy.
3. A good background in undergraduate theology, preferably a theology major or its equivalent.
4. A reading knowledge of ecclesiastical Latin. Some reading knowledge of Greek is recommended.

Applicants lacking the preparation described under 2-4 may be conditionally admitted. They are, however, required to remedy their deficiencies by appropriate course work or readings, to be specified by the department. A readings program to facilitate individual preparation for admission is available from the department for prospective candidates.

A student is admitted to formal candidacy for the master's degree after the successful completion of

one semester of at least 9 hours of graduate work.

Requirements for the Master of Arts in Theology

1. 24 graduate credits in theology of which not more than 12 may be in courses numbered 50 through 59.
2. A reading knowledge of a modern foreign language, preferably French or German.
3. A comprehensive examination, oral and written.
4. Two semesters of thesis seminar and a master's thesis which must have received final approval within two years after the completion of course work. The language examination is to be passed before the beginning of the thesis seminar.

Requirements for the Master of Theology

The graduate program in theology in the Braniff Graduate School also serves the students of Holy Trinity Seminary which is located on the campus of the University of Dallas. In order to fulfill the ecclesiastical requirements for ordination to the priesthood, students will ordinarily have to take the full four years sequence of courses as described below.

The Master of Theology degree is a professional, terminal degree open only to students for the priesthood. The requirements are:

1. Successful completion of the basic program for seminarians, including both the major academic disciplines and the courses in pastoral formation.
2. A comprehensive examination covering all essential aspects of this program.

Basic Program for the Post-B. A. Theological Formation of Seminarians

Year I

52a. Church History I	3
53. Pro-Seminar	3
55a. Hist. Chris. Doc. I	3
56a. Theo. Methodol. (or 71)	3
52c. Amer. Church His. (or 57)	2
	<hr/> 14
52b. Church History II	3
54. Gen. Int. to Scripture	3
55b. Hist. Chris. Doc. II	3
56b. The Triune God (or 72)	3
51. Catechetics (or 58)	2
	<hr/> 14

Year II

55c. Hist. Chris. Doc. III	3
71. Theol. Anthropology (or 56a)	3
61. Fundam. Moral Theol. I	3
63. O. Test. Int.-Exeg. (or 73)	3
57. Pastoral Psychology (or 52c)	2
	<hr/> 14
55d. Hist. Chris. Doc. IV	3
72. Theology of Grace (or 56b)	3
62. Fundam. Moral Theol. (or 74)	3
64. O. Test. Int.-Exeg. (or 74)	3
58. Pastoral Sociology (or 51)	2
	<hr/> 14

Year III

81. Christol. and Soteriol. (or 83)	3
65. The Theolog. Virtues (or 85)	3
73. N. Test. Int.-Exeg. I (or 63)	3
67a. Homiletics I	2
68a. Canon Law I (or 69)	2
77a. Sacram. Ministry I (or 78a)	2
	<hr/> 15
82. Ecclesiology (or 84)	3
66. Apologetics (or 86)	3
74. Test. Int.-Exeg. II (or 64)	3
67b. Homiletics II	2
68b. Canon Law II (or 68c)	2
77b. Sacram. Ministry II (or 78b)	2
	<hr/> 15

Year IV

83. The Sacraments I (or 81)	3
85. The Cardinal Virtues I	3
69. Ascetical Theology (or 68a)	2
78a. Medical Ethics I (or 77a)	2
	<hr/> 10

84. Sacraments II-Eschatol. (or 82)	3
86. The Cardinal Virtues II	3
68c. Canon Law III (Matr. Law) or (68b)	2
78b. Medical Ethics II (or 77b)	2
	<hr/> 10

Notes:

Courses followed by "(or)" are offered every two years.

The pastoral program of the Seminarians also includes non-credit apostolic experience (e.g. teaching C.C.D. courses), and—in the fourth year—regular apprenticeship in parishes as deacons, so the credit load of the fourth year is lighter than years I-III.

Courses in Theology

5. Introduction to the Old Testament* 3 credits

History of the formation of the Old Testament in the perspective of Salvation History. Highlights and message of the individual books. Fall.

6. The Psalms* 3 credits

Introduction to the psalms and exegesis of selected psalms representative of the major literary groups. Prerequisite: Theology 5. Spring.

11. The Mystery of God 3 credits

Human existence as God-seeking. Christianity and non-Christian religions. The possibility and limits of a philosophical knowledge of God. The gradual self-disclosure of God in Salvation History culminating in Christ. Christian life as sharing in the life of the Triune God. Prerequisite: Philosophy 11. Spring.

- 20. Moral Theology** **3 credits**
The principles of Christian morality and the Christian virtues with applications to contemporary Christian life. Prerequisite: Philosophy 23 and Theology 11.
- 24. Theology of Man and Grace** **3 credits**
Man's nature and destiny in the light of Salvation History. The theology of grace. Prerequisite: Theology 11. Fall.
- 25. Christology** **3 credits**
Jesus Christ in the New Testament, development of the Christological dogma, and systematic formulation of the mystery of Incarnation. Soteriology. Prerequisite: Theology 11. Fall, even numbered years.
- 26. Ecclesiology** **3 credits**
Historical survey and systematic synthesis of Ecclesiology with special attention to the teaching of Vatican II (**Lumen Gentium**) Prerequisite Theology 11. Spring, odd numbered years.
- 27. The Sacraments** **3 credits**
A biblical, historical, and systematic survey of the sacraments in general, and the seven sacraments in particular. Prerequisite: Theology 11. Fall, odd numbered years.
- 28. The Liturgy** **3 credits**
History of Liturgy; theological and pastoral commentary on Vatican II's **Constitution on the Sacred Liturgy** and on the post-conciliar liturgical renewal. Prerequisite: Theology 11. Spring, even numbered years.
- 30. Christ and the Sacraments** **3 credits**
Christ the Saviour, the Church, and the sacraments. Prerequisite: Theology 11. Fall and Spring. Not open to students taking 25-27.
- 31. Introduction to the New Testament I*** **3 credits**
Introduction to the Synoptic Gospels and to the Johannine literature, with exegesis of selected passages. Fall.
- 32. Introduction to the New Testament II*** **3 credits**
Introduction to the Pauline epistles with exegesis of selected passages. Spring.
- 35. Old Testament Introduction** **3 credits**
History of the formation of the Old Testament in the perspective of Salvation History. Highlights and message of individual books. Exegesis of selected significant passages. Prerequisite: Theology 11. Fall.
- 36. New Testament Introduction** **3 credits**
Historical background, formation, and character of the writings of the New Testament. Exegesis of selected significant passages. Prerequisite: Theology 11. Spring.
- 38. Social Teaching of the Church** **3 credits**
The nature, sources, and history of Christian social teachings, Theology of man's vocation in the world and examination of contemporary social problems in the light of the **Constitution on the Church in the Contemporary World** of Vatican II. Prerequisite: Theology 11. Spring.
- 45. Old Testament Literature** **3 credits**
An overview of Law, Prophets and writings, with special attention to biblical themes and their development through various genres. Fall.

46. New Testament**Literature****3 credits**

An examination of some major Biblical themes as seen in the life and teaching of Christ and in the experience of the Christian community. Special attention is focused upon the meaning of point of view, the techniques of lyric, and other literary devices. Spring.

Senior-Graduate Courses**51. Catechetics****2 credits**

The principles and methods of religious instruction.

52a. Church History I**3 credits**

From the apostolic community to the fourteenth century. Fall.

52b. Church History II**3 credits**

From the fourteenth century to the present. Spring.

52c. American Church**History****2 credits**

History of American Christianity with special attention to the Catholic Church in America. Fall, even numbered years.

53. Pro-Seminar**3 credits**

The basic tools and methods of theological research with special application to selected contemporary issues. Fall.

54. General Introduction to**Sacred Scripture****3 credits**

The canon, inspiration, and inerrancy of the Scriptures. Hermeneutics. Spring.

55a. History of Christian**Doctrines I****3 credits**

History of dogma and theology in the patristic age. Fall, even numbered years.

55b. History of Christian**Doctrines II****3 credits**

History of dogma and theology in the Middle Ages, including a survey of Byzantine theology. Spring, odd numbered years.

55c. History of Christian**Doctrines III****3 credits**

History of dogma and theology from the Renaissance to the eighteenth century, including a survey of Protestant theology. Fall, odd numbered years.

55d. History of Christian**Doctrines IV****3 credits**

History of dogma and theology from the end of the eighteenth century to contemporary times, including trends of Protestant and Orthodox theology. Spring, even numbered years.

56a. Theological**Methodology****3 credits**

The notion of theology. The relation of theology to Revelation, its transmission in Tradition and Scripture, its interpretation by the **Magisterium**. The meaning and development of dogmas. The use of historical and speculative methods in theology. Fall, odd numbered years.

56b. The Triune God**3 credits**

God in the light of reason (with special attention to the proofs of the existence of God and their contemporary challenge) — God in the light of revelation. The Holy Trinity: sources, development, and speculative analysis of the dogma. The Trinity in Christian life. Spring, even numbered years.

57. Pastoral Psychology**2 credits**

A study of man in the light of the results of contemporary psychology with special attention to pastoral implications. Fall, odd numbered years.

58. Pastoral Sociology**2 credits**

A study of the structures and dynamics of human communities from the point of view of pastoral care and Church life. Spring, even numbered years.

Graduate Courses in Theology

61. Fundamental Moral

Theology I

3 credits

The nature and method of moral theology; the essential aspects of Christian morality; the psychology and imputability of human acts; the norms of morality: law and conscience. Fall.

62. Fundamental Moral

Theology II

3 credits

The morality of the human act: its object, motive, and situation; the nature and consequences of sin; conversion; the Christian virtues in general. Prerequisite: Theology 61. Spring.

63. Old Testament Introduction and Exegesis I

3 credits

Survey of the history of Israel. Introduction to the historical and prophetic books. Exegesis of selected texts. Fall, odd numbered years.

64. Old Testament Introduction and Exegesis II

3 credits

Introduction to the Wisdom literature and other later literary groups. Exegesis of selected psalms. Spring, even numbered years.

65. The Theological Virtues

3 credits

The theological virtues in general; the virtues of faith and hope; the love of God; the Christian love of neighbor. Prerequisite: Theology 62. Fall, even numbered years.

66. Apologetics

3 credits

A critical and systematical study of the foundations of the credibility of Catholic faith. Spring, odd numbered years.

67a-b. Homiletics I-II

4 credits

Principles and practice of preaching the Christian message. Fall and Spring.

68a. Canon Law I

2 credits

Historical and theological introduction; general norms. Fall, even numbered years.

68b. Canon Law II

2 credits

The legal organization of the Church community, including legislation on persons and penal law. Spring, odd numbered years.

68c. Canon Law III

2 credits

Church legislation on the sacraments with special attention to matrimonial law. Spring, even numbered years.

69. Ascetical Theology

2 credits

Theology of Christian perfection. Fall, odd numbered years.

71. Theological

Anthropology

3 credits

Man's nature and destiny in the light of revelation. The origin of the universe and the origin of man; man's nature and supernatural vocation; original sin; world history and Salvation History. Fall, even numbered years.

72. The Theology of Grace

3 credits

Survey of the development of the theology of grace. Grace as communion with God and participation in his life; the Trinitarian, christological, and ecclesial structure of this communion. The problems of nature and grace, of grace and freedom; the beginning, progress, and fulfillment of our communion with God. Spring, odd numbered years.

73. New Testament Introduction and Exegesis I

3 credits

Introduction to the Synoptic Gospels and to the Johannine writings. Exegesis of selected texts. Fall, even numbered years.

74. New Testament Introduction and Exegesis II 3 credits

Introduction to the Acts of the Apostles and the Pauline epistles. Exegesis of selected texts. Spring, odd numbered years.

77a-b. The Sacramental Ministry I - II 4 credits

Study of the principles and practice of the administration of the sacraments from a pastoral point of view. Fall and Spring, beginning in the Fall of even numbered years.

78a. Medical Ethics I 2 credits

Study of the ethical problems connected with contemporary medicine and psychiatry from the point of view of moral and pastoral theology. Fall, odd numbered years.

78b. Medical Ethics II 2 credits

Guided and supervised observation of problems and procedures. Practical introduction to counseling and ministry. Spring, even numbered years.

81. Christology and Soteriology 3 credits

Jesus Christ in the New Testament: the problem of the historical Jesus, the evolution of the kerygma of the Apostolic Church, the christology of Paul and John. The Old Testament as prophecy of Christ. Development of the christological dogma in the Patristic Age. Systematic formulation of the ontological, psychological, and existential aspects of the mystery of Incarnation. Soteriology: historical survey and synthesis. Samples of Protestant christologies. Fall, even numbered years.

82. Ecclesiology 3 credits

Historical survey of ecclesiology with special emphasis on the ecclesiology of Vatican II. Systematic ecclesiology: the Church as People of God and Body of Christ; the hierarchical structure of the Church; the role of laymen in the Church. The ecclesial reality of non-Catholic Churches and communities. Salvation and Church. The Church and the World. Spring, odd numbered years.

83-84. The Sacraments and Eschatology 6 credits

The sacraments in general with special emphasis on the connection between Christ, the primordial sacrament, the Church, and the particular sacraments. The seven sacraments in particular: biblical doctrine, historical survey, and contemporary synthesis. Sacraments in the Churches separated from Rome.—The Christian doctrine on eschatology. Fall and Spring, beginning in the Fall of odd numbered years.

85-86. The Cardinal Virtues 6 credits

The cardinal virtues of prudence, justice, fortitude, and temperance, and the vices opposed to them. Particular consideration of justice, the obligation of restitution arising from commutative justice, the virtue of religion, the social virtues. Fall and Spring, beginning in the Fall of odd numbered years.

91-92. Thesis Seminar and Thesis 6 credits

Offered when required.

93-99:

Seminars on particular biblical, historical, dogmatic, or moral problems will be offered regularly; topics to be announced for each semester. 3 credits each. Participation reserved for qualified graduate students.

**Course offerings for the
Sister-Formation program**

These courses, indicated in the

catalogue by an asterisk, are sometimes taught in the study centers of the religious orders on the campus, but are ordinarily not open to other students. Students who have taken Theology 5, 6, and 31-32 need not take Theology 35 and 36, which are required for Theology majors. All other courses in the program are taken from among the general offerings of the department.



The University Calendar / 1970-1971

First Semester

Last day for submitting **application** for admission, with all supporting materials, for First Semester is August 15, 1970. Under extenuating circumstances applications for admission may be accepted after this date, in which case Applicant will register under the late registration procedure described below.

It is expected that all **registrations** will be completed by August 28. Under extenuating circumstances late registration is permitted until September 4 upon payment of a fee of \$15.00.

August 25 — Tuesday

Faculty meeting 9:00 a.m.
Departmental meeting to discuss 1970-1971 catalog.

August 26 — Wednesday

Residence halls open 9:00 a.m.
President's Reception for new students 7:00 p.m.

August 26-28 — Wednesday-Friday

Issuing of registration packets to all students except freshmen.

August 27-30 — Thursday-Sunday

Freshman Orientation

August 26-27 — Wednesday-Thursday

Academic counseling of continuation students and transfer students.

August 27-28 — Thursday-Friday

Registration for all except freshmen.

August 29 — Saturday

Freshman registration.

August 30 — Sunday

Mass of the Holy Spirit 10:00 a.m.

August 31 — Monday

First day of classes.

September 4 — Friday

Last day for late registration; last day for adding courses; last day for dropping courses without record; last day for payment of accounts.

September 9 — Wednesday

Fall Convocation

September 28 — Monday

Final grades for removal of incompletes due in Registrar's office.
Meeting with department chairmen on catalog and spring schedule.

October 6 — Tuesday

Deadline for filing applications for degrees by candidates for graduation who will complete work at close of the First Semester. Last day for filing diploma order cards.

October 16 — Friday

Midsemester report period begins. Reports due in Registrar's office October 23, 12 noon.

October 24 — Saturday

Graduate Record Examination
(Aptitude and Advanced Tests)

November 14 — Saturday

Spring Schedule published.

November 25 — Wednesday

Thanksgiving recess begins at close of classes.

November 30 — Monday

Classes resume, 8:00 a.m.

Information for summer schedule due in Academic Dean's office, 12:00 noon.

November 30-December 4 — Monday-Friday

Precounseling period for Spring Semester.

December 7 — Monday

All copy for 1970-1971 catalog due in Dean's office.

December 11 — Friday

Last day of instruction.

December 12 — Saturday

Examinations begin.

December 19 — Saturday

Examinations end. Official close of the semester. Christmas recess begins at close of last examination period.

December 31 — Thursday

All grades for First Semester due in Registrar's office, 12:00 noon.



Second Semester

Last day for submitting **application** for admission with all supporting materials, for Second Semester is January 2, 1971. Under extenuating circumstances applications for admission may be accepted after this date in which case Applicant will register under the late registration procedure described below.

It is expected that all **registrations** will be completed by January 16. Under extenuating circumstances late registration is permitted until January 22 upon payment of a fee of \$15.00.

January 13 — Wednesday

Issuing of registration packets.
Residence halls open, 9:00 a.m.
Counseling for new students.

January 14-15 — Thursday-Friday

Registration.

January 18 — Monday

First day of classes.

January 22 — Friday

Last day for late registration; last day for adding courses; last day for dropping courses without record; last day for payment of accounts.

February 1 — Monday

1971-72 catalog available.

February 11 — Thursday

Spring Semester Convocation.

February 15 — Monday

Final grades for removal of incompletes due in Registrar's Office.

February 17 — Wednesday

Last day for filing application for degrees by candidates for graduation at the end of the Second Semester. Last day for filing diploma order cards.

February 26 — Friday

Mid-semester report period. Reports due in Registrar's Office Friday, March 12, 12:00 noon.

April 2 — Friday

Easter recess begins at close of classes.

April 13 — Tuesday

Classes resume, 8:00 a.m.

April 13-19 — Tuesday-Monday

Precounseling for summer and fall semester.

May 11 — Tuesday

Senior Convocation, 11:00 a.m.

May 11 — Tuesday

Last day of instruction.

May 12 — Wednesday

Examinations begin. Examination period includes Saturday, May 16.

May 19 — Wednesday

Examinations end; official close of the semester for completion of degree requirements for candidates for graduation.

May 20 — Thursday

All grades for Second Semester due in the Registrar's Office, 12:00 noon.

May 23 — Sunday

Baccalaureate Mass, 10:30 a.m.
Commencement, 2:00 p.m.

Summer Sessions, 1971

May 28 — Friday

Registration for first six-week session.

May 31 — Monday

Classes begin.

June 2 — Wednesday

Last day for delayed registration and change of classes.

July 4 — Friday

Independence Day — No classes.

July 9-10 — Friday-Saturday

Final examinations for first six-weeks

July 9 — Friday

Registration for second six-weeks session.

July 12 — Monday

Classes begin

July 14 — Wednesday

Last day for delayed registration and change of classes.

August 20-21 — Friday-Saturday

Final examinations for second six-weeks.

Credits

1970

JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
				1	2	3	1	2	3	4	5	6	7	1	2	3	4	5	6	7	5	6	7	8	9	10	11
4	5	6	7	8	9	10	8	9	10	11	12	13	14	8	9	10	11	12	13	14	12	13	14	15	16	17	18
11	12	13	14	15	16	17	15	16	17	18	19	20	21	15	16	17	18	19	20	21	19	20	21	22	23	24	25
18	19	20	21	22	23	24	22	23	24	25	26	27	28	22	23	24	25	26	27	28	26	27	28	29	30		
25	26	27	28	29	30	31								29	30	31											
MAY							JUNE							JULY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
					1	2	1	2	3	4	5	6		1	2	3	4				2	3	4	5	6	7	8
3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11	9	10	11	12	13	14	15
10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18	16	17	18	19	20	21	22
17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	25	23	24	25	26	27	28	29
24	25	26	27	28	29	30	28	29	30					26	27	28	29	30	31		30	31					
31																											
SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
					1	2	4	5	6	7	8	9	10	1	2	3	4	5	6	7	6	7	8	9	10	11	12
6	7	8	9	10	11	12	11	12	13	14	15	16	17	8	9	10	11	12	13	14	13	14	15	16	17	18	19
13	14	15	16	17	18	19	18	19	20	21	22	23	24	15	16	17	18	19	20	21	20	21	22	23	24	25	26
20	21	22	23	24	25	26	25	26	27	28	29	30	31	22	23	24	25	26	27	28	27	28	29	30	31		
27	28	29	30											29	30												

1971

JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
					1	2	1	2	3	4	5	6		1	2	3	4	5	6		4	5	6	7	8	9	10
3	4	5	6	7	8	9	7	8	9	10	11	12	13	7	8	9	10	11	12	13	11	12	13	14	15	16	17
10	11	12	13	14	15	16	14	15	16	17	18	19	20	14	15	16	17	18	19	20	18	19	20	21	22	23	24
17	18	19	20	21	22	23	21	22	23	24	25	26	27	21	22	23	24	25	26	27	25	26	27	28	29	30	
24	25	26	27	28	29	30	28							28	29	30	31										
31																											
MAY							JUNE							JULY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
					1	2	6	7	8	9	10	11	12	4	5	6	7	8	9	10	1	2	3	4	5	6	7
2	3	4	5	6	7	8	13	14	15	16	17	18	19	11	12	13	14	15	16	17	8	9	10	11	12	13	14
9	10	11	12	13	14	15	20	21	22	23	24	25	26	18	19	20	21	22	23	24	15	16	17	18	19	20	21
16	17	18	19	20	21	22	27	28	29	30				25	26	27	28	29	30	31	22	23	24	25	26	27	28
23	24	25	26	27	28	29															29	30	31				
30	31																										
SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
					1	2	3	4	5	6	7	8	9	1	2	3	4	5	6		5	6	7	8	9	10	11
5	6	7	8	9	10	11	10	11	12	13	14	15	16	7	8	9	10	11	12	13	12	13	14	15	16	17	18
12	13	14	15	16	17	18	17	18	19	20	21	22	23	14	15	16	17	18	19	20	19	20	21	22	23	24	25
19	20	21	22	23	24	25	24	25	26	27	28	29	30	21	22	23	24	25	26	27	26	27	28	29	30	31	
26	27	28	29	30			31							28	29	30											

1972

JANUARY							FEBRUARY							MARCH							APRIL						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1					1	2	3	4													
2	3	4	5	6	7	8	6	7	8	9	10	11	12	5	6	7	8	9	10	11	2	3	4	5	6	7	8
9	10	11	12	13	14	15	13	14	15	16	17	18	19	12	13	14	15	16	17	18	9	10	11	12	13	14	15
16	17	18	19	20	21	22	20	21	22	23	24	25	26	19	20	21	22	23	24	25	16	17	18	19	20	21	22
23	24	25	26	27	28	29	27	28	29					26	27	28	29	30	31		23	24	25	26	27	28	29
30	31																				30						
MAY							JUNE							JULY							AUGUST						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1						1	2	3													
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
28	29	30	31				25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30	31		
														30	31												
SEPTEMBER							OCTOBER							NOVEMBER							DECEMBER						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
						1	1	2	3	4	5	6	7	1	2	3	4										
3	4	5	6	7	8	9	8	9	10	11	12	13	14	5	6	7	8	9	10	11	3	4	5	6	7	8	9
10	11	12	13	14	15	16	15	16	17	18	19	20	21	12	13	14	15	16	17	18	10	11	12	13	14	15	16
17	18	19	20	21	22	23	22	23	24	25	26	27	28	19	20	21	22	23	24	25	17	18	19	20	21	22	23
24	25	26	27	28	29	30	29	30	31					26	27	28	29	30			24	25	26	27	28	29	30
																					31						

Index

Absences	28	Expenses	18
Academic Discipline	27	Extracurricular Life	8
Accreditation	5	Faculty	41
Administration	39	Fees, Undergraduate	18
Admissions	14, 32	Fees, Graduate	36
Admission to Candidacy	34, 35	Financial Aid, Undergraduate	19
Advanced Placement	16	Financial Aid, Graduate	37
Affiliations	5	Foreign Language Requirement	24
Aims	5	Foreign Languages	102
Application for Admissions	14	Foreign Students	16
Architecture	12, 53	French	103
Art	51	German	104
Art Education	54	Grade Point Average	27
Athletics	6, 8	Grades	27
Awarding of Degrees	28	Graduate Degree Requirements	34
Baseball	8	Graduate Record Exam	26
Basic Ideas of Science	63	Graduate Study	30
Behavioral Sciences	12, 60	Graduation Requirements	25, 26
Biology	61	Greek	105
Board on Campus	8, 18	Health Service	9
Board of Trustees	39	Historical Notes	5
Braniff Graduate School	30	History	107
Business	12, 64	Honor Roll	27
Business Management	12, 65	Housing	8
Calendar	142	Hospitalization Insurance	8
Campus	5	Humanities	110
Cars	9	Job Placement	9, 37
Ceramics	51	Laboratory Periods	25
Chemistry	75	Latin	105
Classification of Students	26	Loan Programs	22
Commercial Design	51	Linguistics	93
Counseling Service	8	Masters Degrees	34
Course Numbering	26	Mathematics	112
Dean's List	26	Medical Technology	12
Degree Requirements	25	National Defense Loan	22
Departments of Instruction	48	Newspaper	96
Discipline	8	Numbering of Courses	26
Dissertation	35	Painting	52
Dissertation Expense	37	Payment Plans	19
Divisional Organization	48	Ph.D.	34
Drama	78	Philosophy	115
Drama and Literature	81	Philosophy Requirement	25
Economics	84	Physics	119
Economic Opportunity Grant	21	Politics	126
Education	88	Politics and Literature	126
Elementary Education	89	Pre-Dentistry	13
Engineering Science	119		
English	95		
Examinations	27		

Pre-Law	12	Student Life	8
Pre-Medicine	12	Student Government	8
Probation	28	Student Reports	27
Psychology	12, 58	Student Publications	96
Quality Control	67	Studio Periods	25
Quality Points	27	Summer Sessions	146
Refund Policy	19, 37	Teacher Education	13, 89
Requirements for Graduation	25, 26	Texas Opportunity Loan	22
Residency	34	Theology	133
Religious Services	8	Theology Requirement	24
Rooms	8, 18	Thesis	34
Scholarships	20	Time Limit	34
Sculpture	52	Tours	148
Secondary Education	89	Transfer Students	15
Sociology	12, 58	Trustees, Board of	39
Spanish	106	Tuition	18
Science, Basic Ideas	63	Veterans	16
Sister Formation Program	141	Withdrawal	27
Special Students	16		

Credits

Art work in this catalog is by students of the University. Because of printing limitations color is not always as originally indicated by the artist. We thank the University Art Department for these selections from its permanent collection.

The prints are by the following students: Cover and General Information page, **Ruth Tunstall**; The Undergraduate College, **Joseph Huck**; The Braniff Graduate School, **Juergen Strunck**; Administration and Faculty Division page, **Jane Bartholomew**; Departments and Courses of Instruction, **Joseph Huck**.

Tours

The University welcomes visitors and is most happy to arrange tours through the Admissions Office, ext. 355, or the Office of Information Services, ext. 277. The campus is constantly changing and the visitor will be interested in the latest campus additions such as the 186 foot Braniff Memorial Tower. Art exhibits are usually on display in the Haggerty Art Center and other campus buildings. In addition, there are movies, lectures and other events which the public is welcome to attend. Further information can be secured through the Office of Information Services.

The University has its own post office and mail will reach it most quickly addressed as follows:

University of Dallas
Irving, Texas 75060

The central phone is BL 3-1123.



Published By

THE UNIVERSITY OF DALLAS

IRVING, TEXAS 75060

The University reserves the right to make changes in the regulations and courses announced in this Bulletin.